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# PLASMA MONITOR SERVICE MANUAL

**CHASSIS : RF-04FA**

**MODEL : MW-71PY10**

## **CAUTION**

BEFORE SERVICING THE CHASSIS,  
READ THE SAFETY PRECAUTIONS IN THIS MANUAL.



# SAFETY PRECAUTIONS

## IMPORTANT SAFETY NOTICE

Many electrical and mechanical parts in this chassis have special safety-related characteristics. These parts are identified by  $\Delta$  in the Schematic Diagram and Replacement Parts List.

It is essential that these special safety parts should be replaced with the same components as recommended in this manual to prevent X-RADIATION, Shock, Fire, or other Hazards.

Do not modify the original design without permission of manufacturer.

### General Guidance

An **Isolation Transformer should always be used** during the servicing of a receiver whose chassis is not isolated from the AC power line. Use a transformer of adequate power rating as this protects the technician from accidents resulting in personal injury from electrical shocks.

It will also protect the receiver and its components from being damaged by accidental shorts of the circuitry that may be inadvertently introduced during the service operation.

If any fuse (or Fusible Resistor) in this monitor is blown, replace it with the specified.

When replacing a high wattage resistor (Oxide Metal Film Resistor, over 1W), keep the resistor 10mm away from PCB.

Keep wires away from high voltage or high temperature parts.

Due to high vacuum and large surface area of picture tube, extreme care should be used in **handling the Picture Tube**. Do not lift the Picture tube by its Neck.

### Leakage Current Cold Check(Antenna Cold Check)

With the instrument AC plug removed from AC source, connect an electrical jumper across the two AC plug prongs. Place the AC switch in the on position, connect one lead of ohm-meter to the AC plug prongs tied together and touch other ohm-meter lead in turn to each exposed metallic parts such as antenna terminals, phone jacks, etc.

If the exposed metallic part has a return path to the chassis, the measured resistance should be between  $1M\Omega$  and  $5.2M\Omega$ .

When the exposed metal has no return path to the chassis the reading must be infinite.

An other abnormality exists that must be corrected before the receiver is returned to the customer.

### Leakage Current Hot Check (See below Figure)

Plug the AC cord directly into the AC outlet.

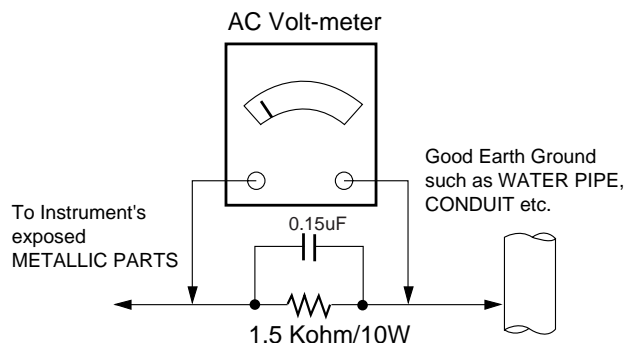
**Do not use a line Isolation Transformer during this check.** Connect 1.5K/10watt resistor in parallel with a 0.15uF capacitor between a known good earth ground (Water Pipe, Conduit, etc.) and the exposed metallic parts.

Measure the AC voltage across the resistor using AC voltmeter with 1000 ohms/volt or more sensitivity.

Reverse plug the AC cord into the AC outlet and repeat AC voltage measurements for each exposed metallic part. Any voltage measured must not exceed 0.75 volt RMS which corresponds to 0.5mA.

In case any measurement is out of the limits specified, there is possibility of shock hazard and the set must be checked and repaired before it is returned to the customer.

### Leakage Current Hot Check circuit



CANADA: LG Electronics Canada, Inc. 550 Matheson  
Boulevard East Mississauga, Ontario L4Z 4G3

USA : LG Customer Interactive Center  
P.O.Box 240007, 201 James Record Road Huntsville,  
AL 35824  
Digital TV Hotline 1-800-243-0000

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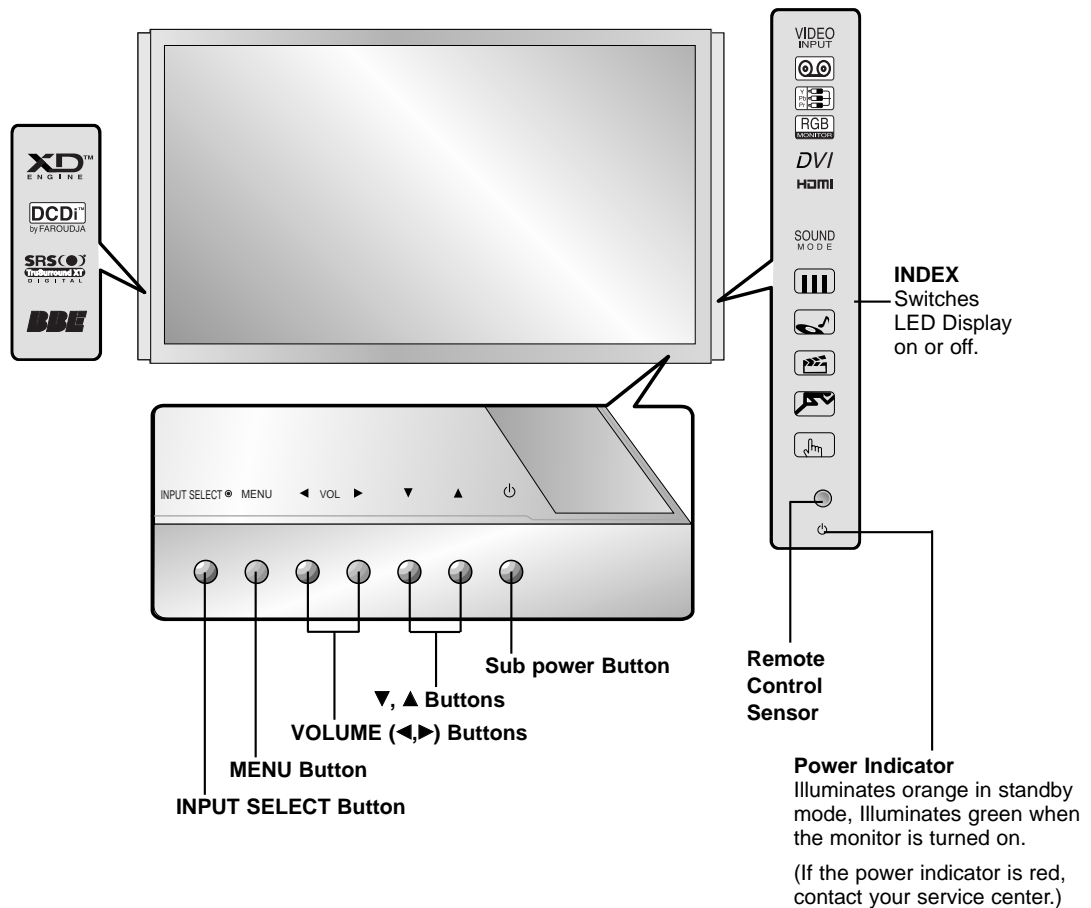
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# DESCRIPTION OF CONTROLS

## Controls

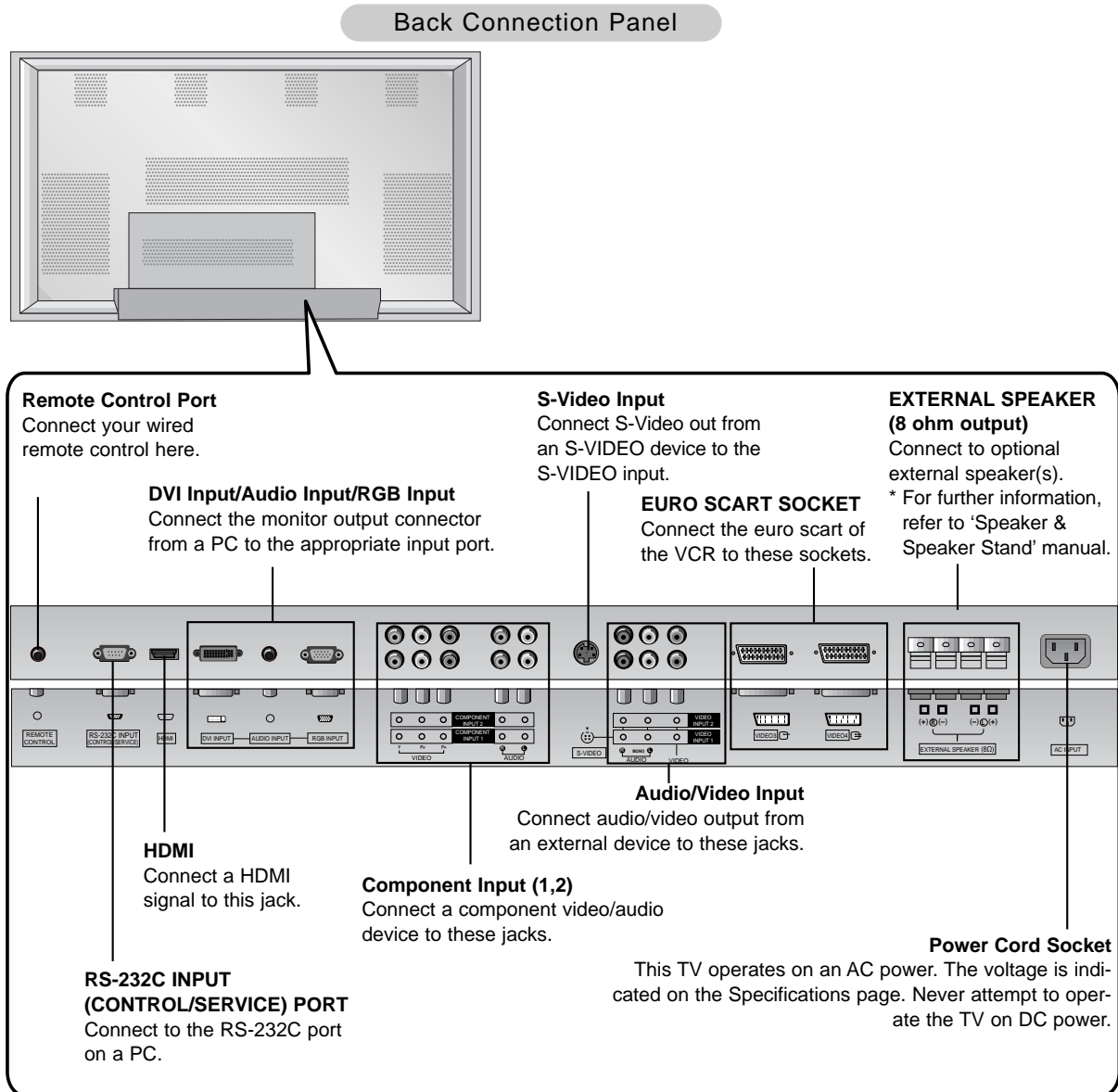
### Front Panel Controls





# DESCRIPTION OF CONTROLS

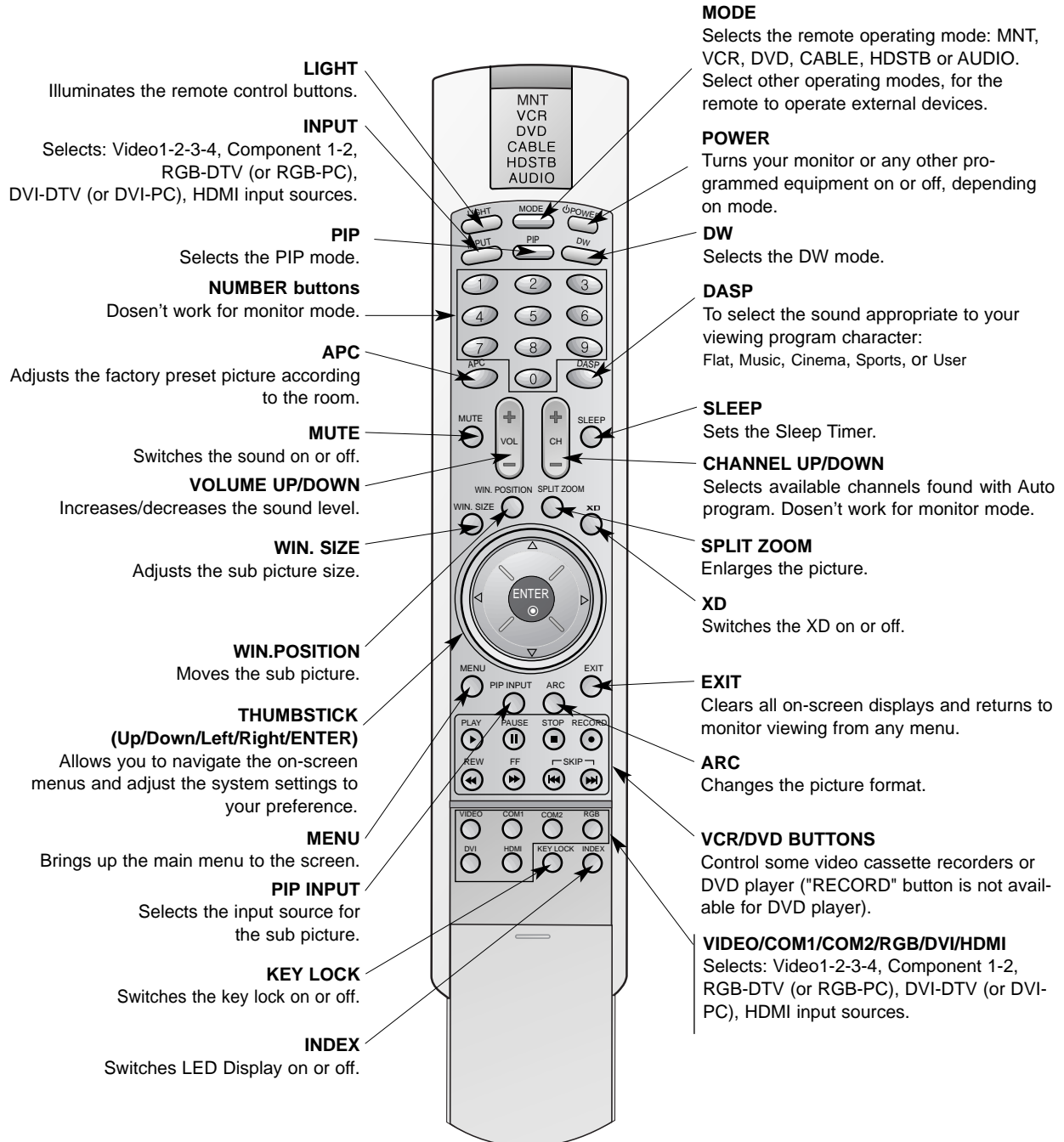
## Connection Options



# DESCRIPTION OF CONTROLS

## Remote Control Key Functions

- When using the remote control, aim it at the remote control sensor on the monitor.
- Under certain conditions such as if the remote IR signal is interrupted, the remote control may not function. Press the key again as necessary.



## SPECIFICATIONS

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MODELS	MW-71PY10
Width (inches / mm)	68.9 / 1750
Height (inches / mm)	38.7 / 982
Depth (inches / mm)	3.9 / 98
Weight (pounds / kg)	183.6 / 83.3
Power requirement	AC110-240V ~ 50/60Hz
Resolution	1920 x 1080 (Dot)
Color	16,770,000 (256 steps of each R, G and B)
Viewing Size (mm)	1512.26
Operating Temperature Range	32 ~ 104°F (0 ~ 40°C)
Operating Humidity Range	Less than 80%

- The specifications shown above may change without notice for quality improvement.

# ADJUSTMENT INSTRUCTIONS

## 1. Application Object

These instructions apply to the RF-04FA(MN/MW-71PY10 Monitor) Chassis.

## 2. Specification

- (1) Because this is not a hot chassis, it is not necessary to use an isolation transformer. However, the use of isolation transformer will help protect test equipment.
- (2) Adjustment must be done in the correct order.
- (3) The adjustment must be performed in the circumstance of  $25\pm5^{\circ}\text{C}$  of temperature and  $65\pm10\%$  of relative humidity.
- (4) The input voltage of the receiver must keep 100~220V, 50/60Hz.
- (5) The receiver must be operated for about 15 minutes prior to the adjustment.

- After RGB Full white HEAT-RUN Mode, the receiver must be returned to normal operation prior to adjustment.
- Enter into HEAT-RUN MODE
  - 1) Press the POWER ON KEY on R/C for adjustment.
  - 2) OSD display and screen display 100% full WHITE PATTERN.

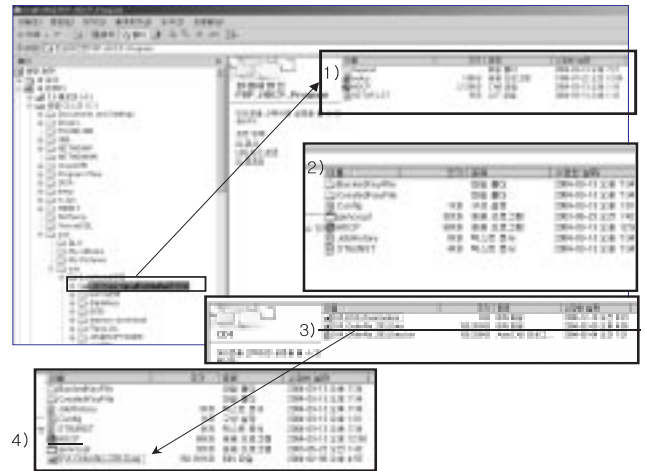
- \* Set is activated HEAT-RUN without a signal generator in this mode.
- \* Single color pattern(RED/BLUE/GREEN) of HEAT-RUN mode is used to test the PANEL.

Caution) If you turn on a still screen more than 20 minutes (Especially digital pattern, cross hatch pattern), an afterimage may be occur in the black level part of the screen.

## 3. HDCP Download

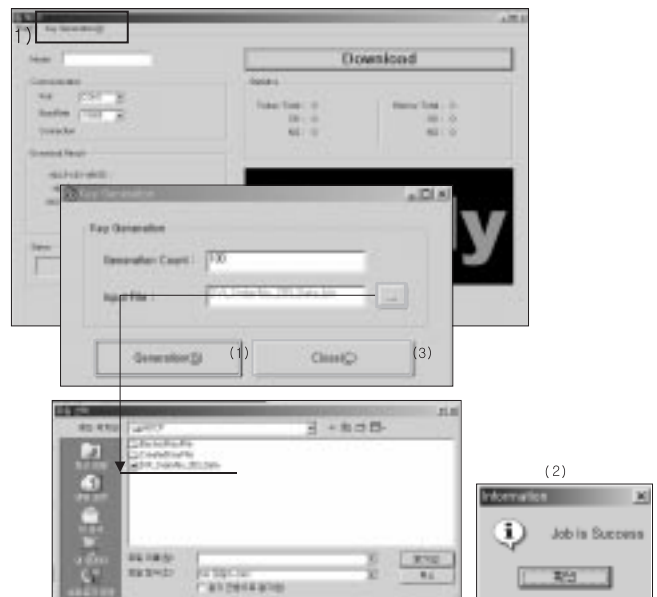
### 3-1. LGIDS Setting Method

- (1) Click on 'setup' to install in your directory.
- (2) After installation has completed, check if the file shown on (Fig. 4) has been created.
- (3) Copy the KEY from source CD into the HDCP directory which was installed just now.  
(DVI\_orderNo\_2003\_data)
- (4) After running HDCP(application program) which is inside the HDCP directory, setup the Communication.  
Port : COM1(modification possible)  
BaudRate : 115200



(Fig. 1)

### 3-2. KEY Generation



(Fig. 2)

- (1) Click on 'Key Generation (G)'.
- (2) Input the quantity of keys to be generated.  
ex) If 100 Keys are required, then just register 100 and next time it will automatically get 101.
- (3) Input file : When installing the program for the first time, you must find the original KEY that you copied and open it. It is crucial that you copy the original KEY into this directory.  
When you use Generation, the information is recorded in Config.ini.

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- The screenshot shows the Windows Task Manager Performance tab. The CPU usage is at 100%. The 'Processes' list shows several processes, with 'System' at the top. The 'Performance' section shows 'CPU' at 100%, 'Memory' at 80%, 'Disk' at 10%, 'Network' at 0%, and 'System' at 0%.

The screenshot shows the 'New Download' application window. The title bar is 'New Download'. The menu bar includes 'File', 'Edit', 'View', 'Settings', and 'Help'. The main content area is organized as follows:

- Input:** A text field containing the URL 'http://www.example.com'.
- Connections:** A 'Port' dropdown menu set to '80' and a 'MaxFails' dropdown menu set to '3'.
- Connection:** A 'Proxy' checkbox.
- Download Speed:** A 'Speed' dropdown menu set to '100'.
- Status:** Four labels showing download statistics: 'Total Size: 10', 'Current Size: 10', 'Remaining Size: 10', and 'Downloaded Size: 10'.
- Download Progress:** A horizontal progress bar.
- OK Button:** A large button at the bottom right of the window.

```

1 #include <iostream>
2 using namespace std;
3 int main() {
4     int n;
5     while (n) {
6         int m = n % 10;
7         n /= 10;
8         if (m % 2 == 0) continue;
9         cout << m << " ";
10    }
11    return 0;
12 }
```

The screenshot shows the 'Download Manager' application window. The title bar reads 'Download Manager'. The main area is titled 'Download' and contains a table with columns for 'Download/Cancel' and 'Download/Cancel'. The table lists several files with their sizes and progress. A small error dialog box is open, displaying a warning icon and the message: 'Download/Cancel failed: Download/Cancel failed.' The background of the application window is dark with the letters 'NG' in large, bold, white font.

(4) If abnormal state (Fig. 7) display then (3) execute.

- (1) Input power of Stand-By 5V.  
(Download must be executed only when the unit is in Stand-by)
- (2) The RS-232C(9PIN) must be connected to the COM1 on the PC.
- (3) If all the preparation is completed, click on 'Download'.



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# ADJUSTMENT INSTRUCTIONS

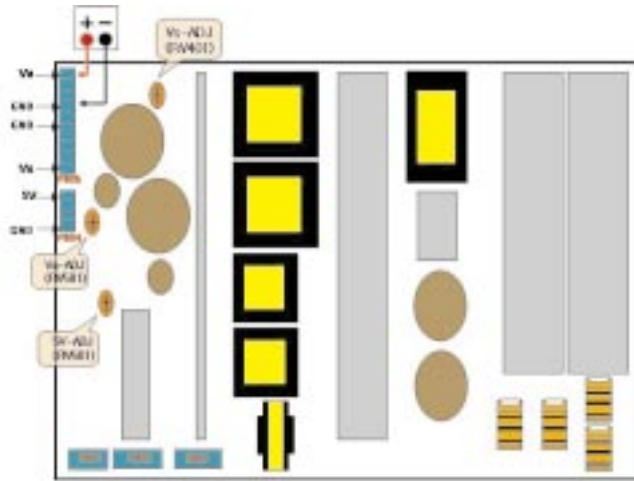
Each PCB assembly must be checked by Check JIG Set before assembly. (Take special note of the Power PCB, which can easily damage the PDP module)

## 4. POWER PCB Assy Voltage Adjustments (Va, Vs, 5V Vcc Voltage Adjustments)

### 4-1. Test Equipment : D.M.M. 1EA

### 4-2. Diagram for Measuring

Refer to (Fig 8).



(Fig. 8) Connection Diagram for measuring Power Adjustments

### 4-3. Adjustment Method

#### (1) Va Adjustment

- 1) Connect + terminal of D.M.M to Va pin of P805, connect - terminal to GND pin of P805.
- 2) Turn RV501, to adjust the Va voltage to match the value marked on the label on the right/top of the panel. (Deviation;  $\pm 0.5V$ )

#### (2) Vs Adjustment

- 1) Connect + terminal of D.M.M to Vs pin of P805, connect - terminal to GND pin of P805.
- 2) Turn RV401, to adjust the Vs voltage to match the value marked on the label on the right/top of the panel. (Deviation;  $\pm 0.5V$ )

### (3) 5V Voltage Adjustment

- 1) Connect + terminal of D.M.M to 5V Vcc pin of P804, connect - terminal of D.M.M to GND pin of P804 on the left PSU.  
Turn RV601, to adjust the voltage value of D.M.M to be 5.3V. (Deviation;  $\pm 0.05V$ )
- 2) Connect + terminal of D.M.M to 5V Vcc pin of P804, connect - terminal of D.M.M to GND pin of P804 on the right PSU.  
Turn RV601, to adjust the voltage value of D.M.M to be 5.3V. (Deviation;  $\pm 0.05V$ )
- 3) Connect + terminal of D.M.M to 5V Vcc pin of P804, connect - terminal of D.M.M to GND pin of P804 on the left PSU.  
Turn RV601, to adjust the voltage value of D.M.M to be 5.6V. (Deviation;  $\pm 0.05V$ )
- 4) Connect + terminal of D.M.M to 5V Vcc pin of P804, connect - terminal of D.M.M to GND pin of P804 on the right PSU.  
Turn RV601, to adjust the voltage value of D.M.M to be 5.6V. (Deviation;  $\pm 0.05V$ )

\* Caution 1) Because there are two units in PSU, one of them fixes to 5.3V voltage and then the other adjusts to 5.3V voltage. After adjusting 5.3V voltage with each other, one of them and the other adjust to 5.6V voltage accordingly.

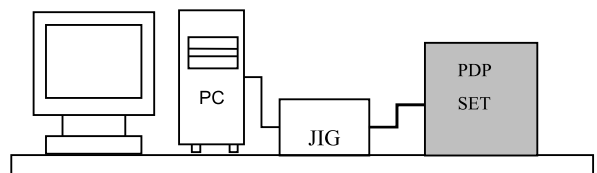
\* Caution 2) Make small adjustments. Great differences can cause the unit to shutdown.

## 5. DDC Data Input

### 5-1. Required Test Equipment

- (1) A jig for adjusting PC, DDC (PC serial to D-sub Connection equipment)
- (2) S/W for writing DDC (EDID Data Write & Read)
- (3) D-sub 15P Cable, DVI Cable, DVI to HDMI Connector (HDMI EDID Down load)

### 5-2. Setting of Device



(Fig. 9)

# ADJUSTMENT INSTRUCTIONS

## 5-3. Preparation for Adjustment

- (1) Set devices as above and turn the PC and jig on.
- (2) Put S/W for writing DDC (EDID data Write & Read) into operation. (operated in DOS mode.)

## 5-4. Sequence of Adjustment

### (1) DDC Data Input for Analog-RGB

- 1) Put the set on the table and turn the power on.
- 2) Connect PC Serial to D-sub 15P Cable of jig for DDC adjustment to RGB terminal (D-Sub 15Pin).
- 3) Operate S/W for DDC record and select DDC data(GT\_HD\_(8691).ana) for Analog RGB in Model Menu.
- 4) Operate EDID Write command.
- 5) Operate EDID Read command and check whether Check Sum is 86(1page), 91(2page).
- 6) If Check Sum is not 86(1page), 91(2page) repeat 3) ~ 4).
- 7) If Check Sum is 86(1page), 91(2page), DDC data for Analog-RGB input is completed.

### (2) DDC Data input for Digital-DVI

- 1) Connect PC Serial to DVI Cable of jig for DDC adjustment to DVI terminal (DVI Jack).
- 2) Operate S/W for DDC record and select DDC data (GT\_HD\_(1D8F).dvi) for Digital-DVI in model menu.
- 3) Operate EDID Write command.
- 4) Operate EDID Read command and check whether Check sum is 1D(1page), 8F(2page).
- 5) If Check sum is not 1D(1page), 8F(2page), repeat 3) ~ 4).
- 6) If Check sum is 1D(1page), 8F(2page), DDC data for Digital-DVI input is completed.

### (3) DDC Data input for Digital-HDMI

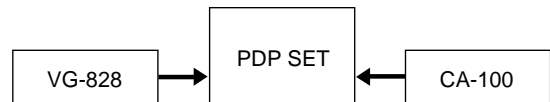
- 1) Connect PC Serial to DVI to HDMI Cable of jig for DDC adjustment to HDMI terminal (HDMI Jack).
- 2) Operate S/W for DDC record and select DDC data (GT\_HD\_HDMI\_(418F).dvi) for Digital-HDMI in model menu.
- 3) Operate EDID Write command.
- 4) Operate EDID Read command and check whether Check sum is 41(1page), 8F(2page).
- 5) If Check sum is not 41(1page), 8F(2page), repeat 3) ~ 4).
- 6) If Check sum is 41(1page), 8F(2page), DDC data for Digital-HDMI input is completed.

## 6. Adjustment of COLOR

### 6-1. Required Equipment

Color Analyzer (CA-100 or similar product)  
Pattern Generator(VG-828)

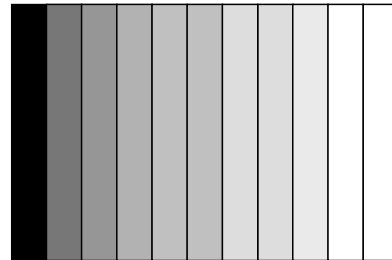
### 6-2. Connection Diagram of Equipment for Measuring Color



(Fig. 10)

### 6-3. Adjustment Method of Auto RGB Color Balance

- (1) Input 16 Gray Scale Pattern(RGB output Level : 0.7Vp-p) at the D-SUB input terminal using PC Pattern Generator.
- (2) Press ADJ KEY on the S R/C.
- (3) Press Vol. + KEY and operate To SET.
- (4) Auto-RGB OK means completed adjustment.



(Fig. 11) Auto RGB Color Balance Test Pattern

### 6-4. Adjustment Method of Auto Video Color Balance

- (1) Input 16 Gray Scale Pattern(RGB output Level : 0.7Vp-p) at the Video 1 input terminal using PC Pattern Generator.
- (2) Press ADJ KEY twice on the S R/C.
- (3) Press Vol. + KEY and operate To SET.
- (4) Auto-RGB OK means completed adjustment.

### 6-5. Adjustment Method of Auto Video Color Balance

- (1) Input Pattern(Fig. 12) at the Component 1 input terminal using PC Pattern Generator.
- (2) Press ADJ KEY three time on the S R/C.
- (3) Press Vol. + KEY and operate To SET.
- (4) Auto-RGB OK means completed adjustment.

## ADJUSTMENT INSTRUCTIONS

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(Fig. 12)

### 6-6. Adjustment of White Balance

- Operate the Zero-calibration of the CA-100, then stick sensor to PDP module surface when you adjust.
- (1) Select white pattern of heat-run mode by pressing power key on the Service Remote Control (S R/C) then allow to heat run at least 15 minutes.
  - (2) Supply 216 Level 50% Window signal to RGB input using Pattern Generator.



(Fig. 13)

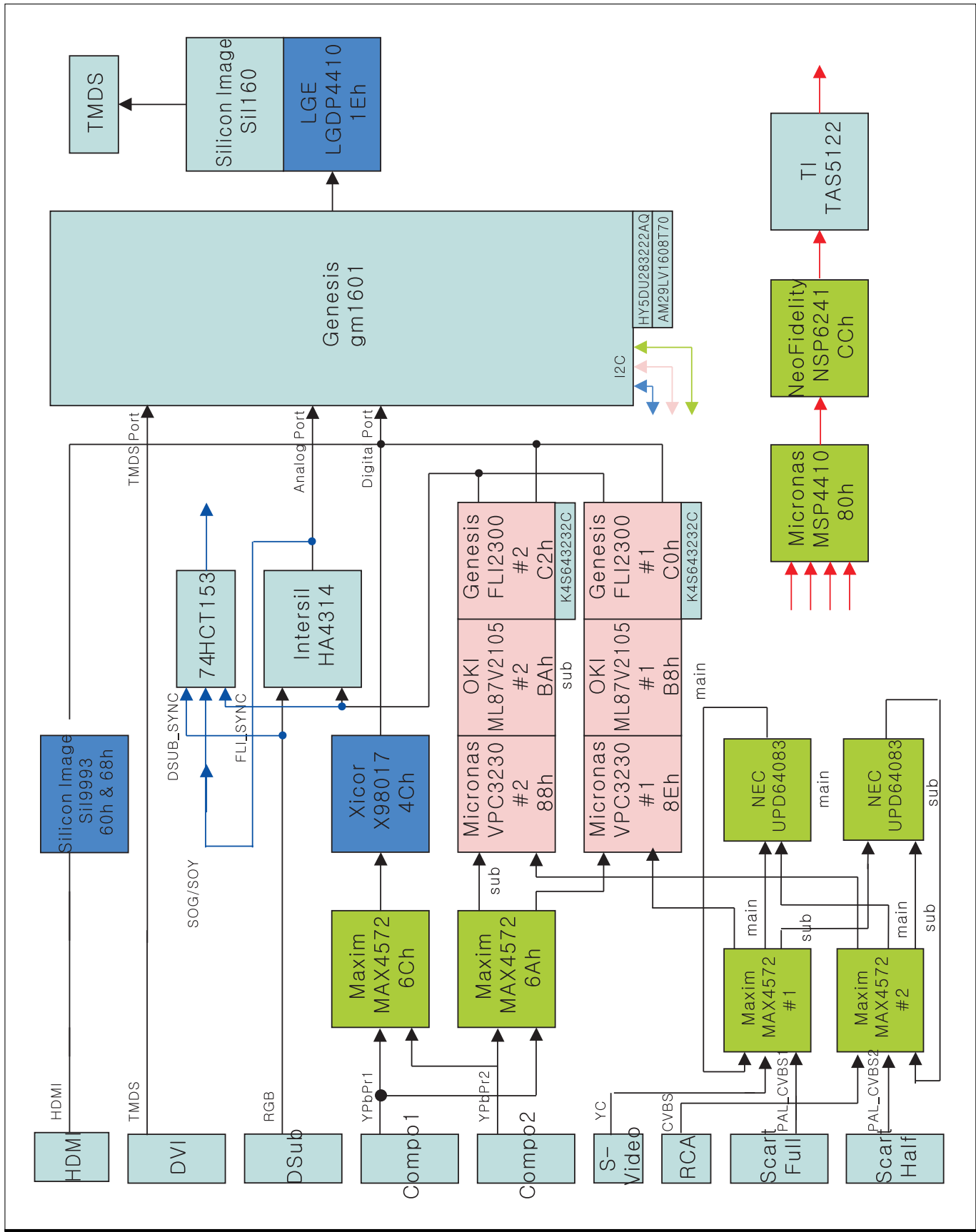
- (3) Press ADJ KEY four time on the S R/C. (White Balance)  
Select the adjustment mode(Red Gain or Blue Gain) using ▲, ▼ key on the S R/C and press VOL +, - keys to adjust until color coordination matches below.

X;  $0.280 \pm 0.005$ , Y;  $0.290 \pm 0.005$   
Color Temperature;  $10,000^{\circ}\text{K} \pm 500^{\circ}\text{K}$

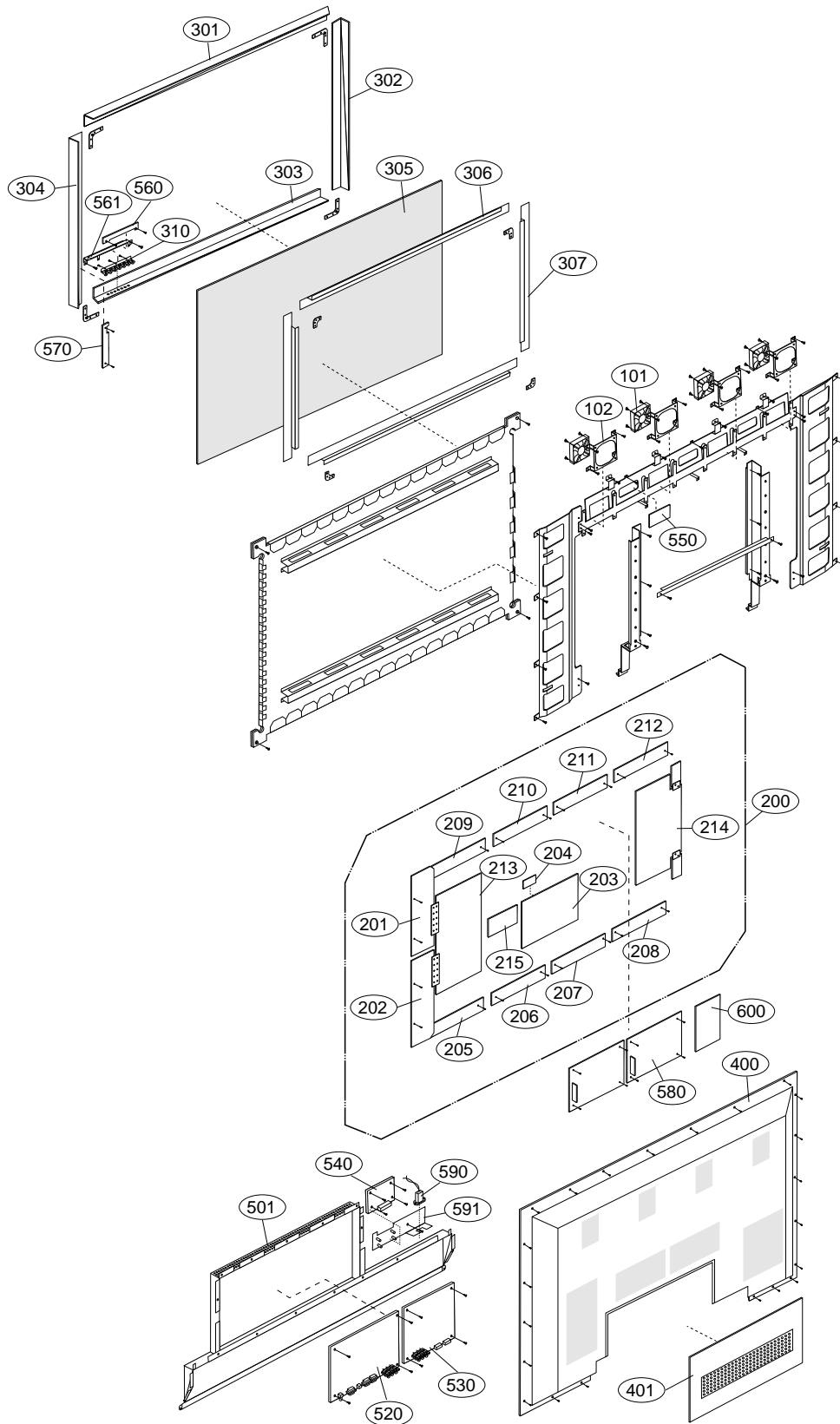
- (4) Exit adjustment mode using ■ Key.



# BLOCK DIAGRAM



# EXPLODED VIEW



## EXPLODED VIEW PARTS LIST

No.	Part No.	Description
101	5900V12003C	FAN,G1225S12B2-FS DONGYANG DC AXIAL 12V 120MM 1250 PRM 3P 280MM HOUSING
102	4980V00B53A	SUPPORTER,FAN EGI DN-71PY10
200	6348Q-J001G	PDP,71 1920*1080 16-9 PDP71H10000.AKLGG
201	6871QDH076A	PCB ASSEMBLY,DISPLAY YDRV ASSY 71X1 4LAYER(TOP)
202	6871QDH077A	PCB ASSEMBLY,DISPLAY YDRV ASSY 71X1 4LAYER(BTM)
203	6871QCH047A	PCB ASSEMBLY,DISPLAY CTRL ASSY 71 71X1 TMDS 8LAYER
204	6871QEH017A	PCB ASSEMBLY,DISPLAY ETC PDP50X20000 TEMP. SENSOR B/D
205	6871QFH004A	PCB ASSEMBLY,DISPLAY XRLB ASSY 71X1
206	6871QHH002A	PCB ASSEMBLY,DISPLAY XRCB ASSY 71X1_XCLB
207	6871QHH003A	PCB ASSEMBLY,DISPLAY XRCB ASSY 71X1_XCRB
208	6871QGH005A	PCB ASSEMBLY,DISPLAY XRRB ASSY 71X1
209	6871QLH041A	PCB ASSEMBLY,DISPLAY XRLT ASSY 71X1
210	6871QXH026A	PCB ASSEMBLY,DISPLAY XRCT ASSY 71X1_XCLT
211	6871QXH027A	PCB ASSEMBLY,DISPLAY XRCT ASSY 71X1_XCRT
212	6871QRH047A	PCB ASSEMBLY,DISPLAY XRRT ASSY 71X1
213	6871QYH001B	PCB ASSEMBLY,DISPLAY YSUS ASSY A31 LG PCB OBU
214	6871QZH037A	PCB ASSEMBLY,DISPLAY ZSUS ASSY 71X1 4LAYER
215	6871QPH009A	PCB ASSEMBLY,SUB DCDC ASSY 71H1 DC-DC B/D ASSY
301	3210V00267A	FRAME,FRONT UPPER AL MN-71PY10 TOP
302	3210V00277A	FRAME,FRONT SIDE AL MN-71PY10 LEFT
303	3210V00268A	FRAME,FRONT LOWER AL MN-71PY10 BOTTOM
304	3210V00276A	FRAME,FRONT SIDE AL MN-71PY10 RIGHT
305	5230V00024A	FILTER(MECH),GLASS FILTER PDP 71 LG CHEMICAL GLASS LG LOGO
306	4980V00D29A	SUPPORTER,FILTER AL TOP, BOTTOM MN-71PY10
307	4980V00D30A	SUPPORTER,FILTER AL SIDE R,L MN-71PY10
310	5020V00995A	BUTTON,CONTROL DU-50PY10 ABS, AF-303S 7KEY .
400	3809V00559B	BACK COVER ASSEMBLY,MW-71PY10
401	3300V00392A	PLATE,AV AL . COVER VSC TUNER DN-71PY10
501	3301V00040D	PLATE ASSEMBLY,3300V00390A, 3300V00391D MW-71PY10 A/V PLATE
520	6871VMMT32A	PCB ASSEMBLY,MAIN RF-04FA 71 DIGITAL VSC
530	6871VSMJ35A	PCB ASSEMBLY,SUB RF04FA 71 ANALOG VSC
540	6871VSMZ98A	PCB ASSEMBLY,SUB RF04FA SPK_TERMINAL 71
550	6871VSMG26A	PCB ASSEMBLY,SUB RF04FA FAN CTRL
560	6871VSMZ99A	PCB ASSEMBLY,SUB KEYBOARD RF03LA LOCAL KEY 71
561	4980V00B54A	SUPPORTER,PCB AL CONTROL BOX MN-71PY10
570	6871VSMJ03A	PCB ASSEMBLY,SUB RF04FA MN-71PY10 INDEX B/D
580	6709900007A	POWER SUPPLY ASSEMBLY,71INCH PDP SANKEN RF-04FA NEW VER. 1H257WI-1
590	3141VSNJ23A	CHASSIS ASSEMBLY,SUB RF04FA NOISE FILTER ASSY.
591	4980V00B63A	SUPPORTER,MOUNTING EGI LINE FILTER & SPK TERMINAL MN-71PY10
600	6871VPM93A	PCB ASSEMBLY,POWER SMPS RF-04FA POWER INTERFACE MN-71PY10 ALL PDP

# REPLACEMENT PARTS LIST

For Capacitor & Resistors, the characters at 2nd and 3rd digit in the P/No. means as follows;

CC, CX, CK, CN : Ceramic  
CQ : Polyester  
CE : Electrolytic

RD : Carbon Film  
RS : Metal Oxide Film  
RN : Metal Film  
RF : Fusible

RUN DATE : 2005.10.28

LOCA. NO	PART NO	DESCRIPTION
<b>IC</b>		
IC101	OIMI623200B	M62320FP 16P
IC102	OIMI623200B	M62320FP 16P
IC105	OIMCRFA015A	KA7805R 2P D-PAK R/TP 500MA
IC1102	OIMMRAL014B	AT24C02N-10SI-2.7 8P
IC1103	OIMMRAL014B	AT24C02N-10SI-2.7 8P
IC1104	OIPRPMX014A	MAX4572EAI-T 28P
IC1201	OIFA742530B	74ACT253SC 16P
IC1202	OIDS232000A	DS232AS 16P RS-232
IC1203	OISTLSG009A	M74HC123RM13TR 16P
IC1204	OISTLSG009A	M74HC123RM13TR 16P
IC1301	OIMCRS5005A	SIL9993CTG100 100P
IC1303	OIMMRAL014B	AT24C02N-10SI-2.7 8P
IC1401	OIPRPIS003A	HA4314BCBZ96 14P
IC1411	OIPRPIS003A	HA4314BCBZ96 14P
IC1421	OIPRPIS003A	HA4314BCBZ96 14P
IC1451	OIFA742530B	74ACT253SC 16P
IC1452	OIPH741400E	74HC14D 14SOP
IC1471	OIMCRPH018A	74LVC126AD 14P
IC1472	OIMCRPH018A	74LVC126AD 14P
IC1501	OIPRPXI002A	X98017L128-3.3-Z 128P
IC1502	OIPRPMX014A	MAX4572EAI-T 28P
IC1601	OIIT323000E	VPC3230D C5 80P
IC1701	OIIT323000E	VPC3230D C5 80P
IC1801	OIPRPOK004A	ML87V2105TBZ03A OKI 100P
IC1901	OIPRPOK004A	ML87V2105TBZ03A OKI 100P
IC2001	OIMCRGN002D	FLI2300BD-LF 208P
IC201	OIPRPMX014A	MAX4572EAI-T MAXIM 28P
IC202	OIMCRET003A	EL5261ISZ-T7 ELANTEC 8P
IC2051	OIMMRHY033A	HY57V643220C(L)T-6 HYNIX 86P
IC2101	OIMCRGN002D	FLI2300BD-LF 208P
IC2151	OIMMRHY033A	HY57V643220C(L)T-6 HYNIX 86P
IC2201	OIPRPGN017A	GM1601H-LF-BD 416P
IC2202	OIKE703300E	KIA7033AF 3P SOT-89
IC2203	OIMMRAL025A	AT24C32AN-10SI-2.7 8PIN SOP TP 32K 3.3V
IC2204	OIMI623200B	M62320FP 16P
IC2206	OIPRPMX014A	MAX4572EAI-T 28P
IC221	OIPRPMX014A	MAX4572EAI-T 28P
IC2301	OIMMRHY020B	HY5DU283222AQP-5 100P
IC2401	OICTMLG018A	LGDP4410 LG IC 176P
IC2402	OIMCRRH001A	BA033FP-E2 ROHM 3P-SOP,TO252-3
IC2451	OIS5160000A	SIL160CT100 SILICON IMAGE 100
IC2501	OIMCRRH001A	BA033FP-E2 3P-SOP,TO252-3
IC2502	OIMCRSJ001A	SC1565IST-1.8 3P SOT223
IC2503	OIMCRSJ001A	SC1565IST-1.8 3P SOT223
IC2504	OIPRPML001A	MIC39100 MICREL 3P SOT223
IC2505	OIMCRSH001A	PQ05DZ1U SHARP 5
IC2506	OIMCRSH001A	PQ05DZ1U SHARP 5

LOCA. NO	PART NO	DESCRIPTION
IC2507	OIPRPML001A	MIC39100 MICREL 3P SOT223
IC2508	OIPMGNS032A	LM2611AMFX 5P/SOT23-5
IC2509	OIMCRFA010A	KA7809R, FAIRCHILD 2P
IC2601	OIMCRRH001A	BA033FP-E2 3P-SOP,TO252-3
IC2602	OIMCRRH001A	BA033FP-E2 3P-SOP,TO252-3
IC301	OIMMRNE002B	UPD64083GF3BA-A 100
IC302	OIMCRET003A	EL5261ISZ-T7 ELANTEC 8P
IC401	OIMMRNE002B	UPD64083GF3BA-A 100
IC402	OIMCRET003A	EL5261ISZ-T7 8P
IC5001	OIKE780500Q	KIA7805API 3P TO-220
IC5002	OISH092100B	PQ09RD21 4SIP
IC5003	OISH092100B	PQ09RD21 4SIP
IC5004	OISH122100B	PQ12RD21 4SIP
IC5005	OIMI623200B	M62320FP 16P
IC5006	OIDS162100B	DS1621V 8P
IC501	OIMCRMN028B	MSP4410K 80P
IC502	OIMCRNL001B	NSP-6241A 64P
IC503	OIKE704200J	KIA7042AF SOT-89 TP 4.2V
IC504	OIMCRTI028C	TAS5122DCARG4 56P
IC505	OIPRPJR017A	NJU26901E2 JRC 8P
IC601	OIMCRSH001A	PQ05DZ1U SHARP 5
IC602	OIPRPML001A	MIC39100 MICREL 3P SOT223
IC603	OIMCRFA010A	KA7809R, FAIRCHILD 2P
IC681	OIPMGNS032A	LM2611AMFX 5P/SOT23-5
<b>TRANSISTOR</b>		
Q101	OTR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q102	OTR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q103	OTR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q104	OTR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q105	OTR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q106	OTR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q107	OTR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q108	OTR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q109	OTR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q110	OTR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q1101	OTR830009BA	BSS83
Q1102	OTR830009BA	BSS83
Q1103	OTR830009BA	BSS83
Q1104	OTR830009BA	BSS83
Q111	OTR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q112	OTR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q113	OTR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q114	OTR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q1201	OTR104009AF	CHIP KRC104S SOT-23 TP KEC
Q1202	OTR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q1203	OTR387500AA	CHIP 2SC3875S(ALY) BK KEC
Q1204	OTR150400BA	CHIP 2SA1504S(ASY) BK KEC
Q1205	OTR387500AA	CHIP 2SC3875S(ALY) BK KEC

# REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
Q1206	0TR104009AF	CHIP KRC104S SOT-23 TP KEC	D108	0DD226239AA	KDS226 TP KEC
Q1207	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	D109	0DD226239AA	KDS226 TP KEC
Q1208	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	D110	0DD226239AA	KDS226 TP KEC
Q1209	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC	D1101	0DD226239AA	KDS226 TP KEC
Q1210	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	D1102	0DD226239AA	KDS226 TP KEC
Q1301	0TR830009BA	BSS83	D1103	0DD226239AA	KDS226 TP KEC
Q1302	0TR830009BA	BSS83	D1104	0DD226239AA	KDS226 TP KEC
Q1341	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	D1105	0DD226239AA	KDS226 TP KEC
Q1501	0TR830009BA	BSS83	D1106	0DD226239AA	KDS226 TP KEC
Q1502	0TR830009BA	BSS83	D1107	0DD226239AA	KDS226 TP KEC
Q201	0TR830009BA	BSS83	D111	0DD226239AA	KDS226 TP KEC
Q202	0TR830009BA	BSS83	D1118	0DD226239AA	KDS226 TP KEC
Q203	0TR830009BA	BSS83	D1119	0DD226239AA	KDS226 TP KEC
Q204	0TR830009BA	BSS83	D112	0DD226239AA	KDS226 TP KEC
Q221	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	D1120	0DD226239AA	KDS226 TP KEC
Q222	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	D1121	0DD226239AA	KDS226 TP KEC
Q2501	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	D1122	0DD226239AA	KDS226 TP KEC
Q2502	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	D1123	0DD226239AA	KDS226 TP KEC
Q2503	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	D1124	0DD184009AA	KDS184 TP KEC - 85V - 300MA
Q301	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC	D113	0DD226239AA	KDS226 TP KEC
Q302	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	D114	0DD226239AA	KDS226 TP KEC
Q303	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC	D115	0DD226239AA	KDS226 TP KEC
Q304	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	D116	0DD226239AA	KDS226 TP KEC
Q305	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC	D117	0DD226239AA	KDS226 TP KEC
Q306	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC	D118	0DD226239AA	KDS226 TP KEC
Q307	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	D119	0DD226239AA	KDS226 TP KEC
Q308	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC	D1301	0DD184009AA	KDS184 TP KEC - 85V - 300MA
Q309	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC	D2502	0DD226239AA	KDS226 TP KEC
Q310	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC	D2503	0DD226239AA	KDS226 TP KEC
Q311	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	D2504	0DD226239AA	KDS226 TP KEC
Q312	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC	D2505	0DD226239AA	KDS226 TP KEC
Q401	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC	D2506	0DD226239AA	KDS226 TP KEC
Q402	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	D2507	0DD226239AA	KDS226 TP KEC
Q403	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC	D2508	0DD226239AA	KDS226 TP KEC
Q404	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	D2509	0DR340009AA	MBRS340 40V 3A 80A .SEC
Q405	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC	D2510	0DD226239AA	KDS226 TP KEC
Q406	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC	D2601	0DD226239AA	KDS226 TP KEC
Q407	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	D2602	0DD226239AA	KDS226 TP KEC
Q408	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC	D5001	0DD100009AM	EU12V(1) 200V 0.25A 15A 0.4US
Q409	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC	D601	0DD226239AA	KDS226 TP KEC
Q410	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC	D602	0DD226239AA	KDS226 TP KEC
Q411	0TR387500AA	CHIP 2SC3875S(ALY) BK KEC	D603	0DD226239AA	KDS226 TP KEC
Q412	0TR150400BA	CHIP 2SA1504S(ASY) BK KEC	D681	0DR340009AA	MBRS340 40V 3A 80A .SEC
<b>DIODE</b>			D8201	0DR360000BA	FMB-36M FM80 18W 0.62V
D101	0DD226239AA	KDS226 TP KEC	D8202	0DR360000BA	FMB-36M FM80 18W 0.62V
D102	0DD226239AA	KDS226 TP KEC	IC103	6301V00003A	LED ASSEMBLY,UEX-LD-048
D103	0DD226239AA	KDS226 TP KEC	IC104	6301V00003A	LED ASSEMBLY,UEX-LD-048
D104	0DD226239AA	KDS226 TP KEC	L2501	0DL233309AC	LED,SAM2333
D105	0DD226239AA	KDS226 TP KEC	L2503	0DL233309AC	LED,SAM2333
D106	0DD226239AA	KDS226 TP KEC	L2506	0DL233309AC	LED,SAM2333
D107	0DD226239AA	KDS226 TP KEC	L2510	0DL233309AC	LED,SAM2333
			LED301	0DL233309AC	LED,SAM2333

# REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
LED401	0DL233309AC	LED,SAM2333	C1550	0CK105DF64A	1UF 2012 16V 20% F(Y5V) R/TP
LED601	0DL233309AC	LED,SAM2333	C1607	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
LED602	0DL233309AC	LED,SAM2333	C1616	0CE106SF6DC	10UF MVG 16V 20% R/TP(SMD) SMD
LED603	0DL233309AC	LED,SAM2333	C1618	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
LED604	0DL233309AC	LED,SAM2333	C1621	0CE106SF6DC	10UF MVG 16V 20% R/TP(SMD) SMD
ZD101	0DZRM00178A	ZENERS,UDZS TE-17 5.1B	C1623	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
ZD102	0DZRM00178A	ZENERS,UDZS TE-17 5.1B	C1629	0CE106SF6DC	10UF MVG 16V 20% R/TP(SMD) SMD
ZD1105	0DR050008AA	SD05.TC SOD323 5V 5A 15A	C1632	0CK684DF56A	0.68UF 2012 16V 10% R/TP X7R
ZD1111	0DR050008AA	SD05.TC SOD323 5V 5A 15A	C1633	0CK684DF56A	0.68UF 2012 16V 10% R/TP X7R
ZD1112	0DR050008AA	SD05.TC SOD323 5V 5A 15A	C1707	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
ZD1113	0DR050008AA	SD05.TC SOD323 5V 5A 15A	C1716	0CE106SF6DC	10UF MVG 16V 20% R/TP(SMD) SMD
ZD1114	0DR050008AA	SD05.TC SOD323 5V 5A 15A	C1718	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
ZD501	0DZ820009AH	ZENERS,MTZJ8.2B	C1721	0CE106SF6DC	10UF MVG 16V 20% R/TP(SMD) SMD
<b>CAPACITOR</b>			C1723	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
C1122	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C1729	0CE106SF6DC	10UF MVG 16V 20% R/TP(SMD) SMD
C1124	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C1732	0CK684DF56A	0.68UF 2012 16V 10% R/TP X7R
C1138	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP	C1733	0CK684DF56A	0.68UF 2012 16V 10% R/TP X7R
C115	0CE477VF6DC	470UF MV 16V 20% R/TP(SMD) SMD	C1808	0CE226VF6DC	22UF MV 16V 20% R/TP(SMD) SMD
C118	0CE475WJ6DC	4.7UF MVK 35V 20% R/TP(SMD) SMD	C1908	0CE226VF6DC	22UF MV 16V 20% R/TP(SMD) SMD
C1207	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP	C202	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
C121	0CE475WJ6DC	4.7UF MVK 35V 20% R/TP(SMD) SMD	C2021	0CE105SK6DC	1UF MVG 50V 20% SMD R/TP
C1212	0CE106SF6DC	10UF MVG 16V 20% R/TP(SMD) SMD	C203	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
C1217	0CE105SK6DC	1UF MVG 50V 20% SMD R/TP	C2033	0CE226VF6DC	22UF MV 16V 20% R/TP(SMD) SMD
C1218	0CE106SF6DC	10UF MVG 16V 20% R/TP(SMD) SMD	C2036	0CE226VF6DC	22UF MV 16V 20% R/TP(SMD) SMD
C1223	0CE105SK6DC	1UF MVG 50V 20% SMD R/TP	C2039	0CE226VF6DC	22UF MV 16V 20% R/TP(SMD) SMD
C1226	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C204	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
C1227	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C2042	0CE226VF6DC	22UF MV 16V 20% R/TP(SMD) SMD
C1251	0CE105SK6DC	1UF MVG 50V 20% SMD R/TP	C2045	0CE226VF6DC	22UF MV 16V 20% R/TP(SMD) SMD
C1252	0CE105SK6DC	1UF MVG 50V 20% SMD R/TP	C2048	0CE106SF6DC	10UF MVG 16V 20% R/TP(SMD) SMD
C1253	0CE105SK6DC	1UF MVG 50V 20% SMD R/TP	C205	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
C1254	0CE105SK6DC	1UF MVG 50V 20% SMD R/TP	C206	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
C1255	0CE105SK6DC	1UF MVG 50V 20% SMD R/TP	C207	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
C1256	0CE105SK6DC	1UF MVG 50V 20% SMD R/TP	C208	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
C1301	0CE226VF6DC	22UF MV 16V 20% R/TP(SMD) SMD	C209	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
C1308	0CE106SF6DC	10UF MVG 16V 20% R/TP(SMD) SMD	C211	0CE106SF6DC	10UF MVG 16V 20% R/TP(SMD) SMD
C1313	0CE106SF6DC	10UF MVG 16V 20% R/TP(SMD) SMD	C2121	0CE105SK6DC	1UF MVG 50V 20% SMD R/TP
C1315	0CE226VF6DC	22UF MV 16V 20% R/TP(SMD) SMD	C2133	0CE226VF6DC	22UF MV 16V 20% R/TP(SMD) SMD
C1318	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP	C2136	0CE226VF6DC	22UF MV 16V 20% R/TP(SMD) SMD
C1324	0CE226VF6DC	22UF MV 16V 20% R/TP(SMD) SMD	C2139	0CE226VF6DC	22UF MV 16V 20% R/TP(SMD) SMD
C1326	0CE226VF6DC	22UF MV 16V 20% R/TP(SMD) SMD	C214	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
C1344	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C2142	0CE226VF6DC	22UF MV 16V 20% R/TP(SMD) SMD
C1405	0CE106SF6DC	10UF MVG 16V 20% R/TP(SMD) SMD	C2145	0CE226VF6DC	22UF MV 16V 20% R/TP(SMD) SMD
C1415	0CE106SF6DC	10UF MVG 16V 20% R/TP(SMD) SMD	C2148	0CE106SF6DC	10UF MVG 16V 20% R/TP(SMD) SMD
C1425	0CE106SF6DC	10UF MVG 16V 20% R/TP(SMD) SMD	C216	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
C1452	0CE226VF6DC	22UF MV 16V 20% R/TP(SMD) SMD	C217	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
C1461	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP	C218	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
C1473	0CE106SF6DC	10UF MVG 16V 20% R/TP(SMD) SMD	C219	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
C1502	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C2204	0CE335SK6DC	3.3UF MVG 50V 20% SMD R/TP
C1522	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C222	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
C1537	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP	C223	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
C1548	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP	C224	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
			C225	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP

# REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
C226	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C2581	0CK105DF64A	1UF 2012 16V 20% F(Y5V) R/TP
C2261	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP	C2582	0CE226VF6DC	22UF MV 16V 20% R/TP(SMD) SMD
C227	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C2585	0CE227VF6DC	220UF MV 16V 20% R/TP(SMD) SMD
C228	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C2589	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
C229	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C2592	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
C230	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C2593	0CK105DF64A	1UF 2012 16V 20% F(Y5V) R/TP
C231	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C2601	0CE477SF6DC	470UF MVG 16V 20% R/TP(SMD) SMD
C232	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C2604	0CE477SF6DC	470UF MVG 16V 20% R/TP(SMD) SMD
C233	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C2607	0CK106EF56A	10UF 3216 16V 10% X7R R/TP
C235	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C2607	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
C237	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C2610	0CK106EF56A	10UF 3216 16V 10% X7R R/TP
C2417	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP	C2610	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
C2424	0CE106SF6DC	10UF MVG 16V 20% R/TP(SMD) SMD	C2613	0CK106EF56A	10UF 3216 16V 10% X7R R/TP
C2452	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C2613	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
C2456	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C2616	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
C2458	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C2619	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
C2460	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C2620	0CE477SF6DC	470UF MVG 16V 20% R/TP(SMD) SMD
C2471	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP	C2623	0CE477SF6DC	470UF MVG 16V 20% R/TP(SMD) SMD
C2474	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP	C2626	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
C2477	0CE226VF6DC	22UF MV 16V 20% R/TP(SMD) SMD	C2629	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
C2501	0CE477SF6DC	470UF MVG 16V 20% R/TP(SMD) SMD	C2632	0CK106EF56A	10UF 3216 16V 10% X7R R/TP
C2506	0CE227VF6DC	220UF MV 16V 20% R/TP(SMD) SMD	C2632	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
C2507	0CE477SF6DC	470UF MVG 16V 20% R/TP(SMD) SMD	C2635	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
C2512	0CE227VF6DC	220UF MV 16V 20% R/TP(SMD) SMD	C302	0CE106SF6DC	10UF MVG 16V 20% R/TP(SMD) SMD
C2515	0CE227VF6DC	220UF MV 16V 20% R/TP(SMD) SMD	C308	0CK473CH56A	0.047UF 1608 25V 10% R/TP X7R
C2516	0CE477SF6DC	470UF MVG 16V 20% R/TP(SMD) SMD	C314	0CE106SF6DC	10UF MVG 16V 20% R/TP(SMD) SMD
C2521	0CE227VF6DC	220UF MV 16V 20% R/TP(SMD) SMD	C317	0CE105SK6DC	1UF MVG 50V 20% SMD R/TP
C2522	0CE227VF6DC	220UF MV 16V 20% R/TP(SMD) SMD	C329	0CE106SF6DC	10UF MVG 16V 20% R/TP(SMD) SMD
C2525	0CE227VF6DC	220UF MV 16V 20% R/TP(SMD) SMD	C334	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
C2526	0CE477SF6DC	470UF MVG 16V 20% R/TP(SMD) SMD	C339	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
C2531	0CE477SF6DC	470UF MVG 16V 20% R/TP(SMD) SMD	C341	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
C2536	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C349	0CE105SK6DC	1UF MVG 50V 20% SMD R/TP
C2539	0CE477SF6DC	470UF MVG 16V 20% R/TP(SMD) SMD	C351	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
C2542	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C402	0CE106SF6DC	10UF MVG 16V 20% R/TP(SMD) SMD
C2544	0CE477SF6DC	470UF MVG 16V 20% R/TP(SMD) SMD	C408	0CK473CH56A	0.047UF 1608 25V 10% R/TP X7R
C2547	0CK106EF56A	10UF 3216 16V 10% X7R R/TP	C414	0CE106SF6DC	10UF MVG 16V 20% R/TP(SMD) SMD
C2547	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C417	0CE105SK6DC	1UF MVG 50V 20% SMD R/TP
C2550	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C429	0CE106SF6DC	10UF MVG 16V 20% R/TP(SMD) SMD
C2553	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C434	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
C2554	0CE477SF6DC	470UF MVG 16V 20% R/TP(SMD) SMD	C439	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
C2557	0CE477SF6DC	470UF MVG 16V 20% R/TP(SMD) SMD	C441	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
C2558	0CE477SF6DC	470UF MVG 16V 20% R/TP(SMD) SMD	C449	0CE105SK6DC	1UF MVG 50V 20% SMD R/TP
C2561	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C451	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
C2562	0CE477SF6DC	470UF MVG 16V 20% R/TP(SMD) SMD	C5007	0CE1074F618	100UF SRA,SS 16V 20% FL TP 5
C2565	0CE477SF6DC	470UF MVG 16V 20% R/TP(SMD) SMD	C5009	0CE1074F618	100UF SRA,SS 16V 20% FL TP 5
C2566	0CE227VF6DC	220UF MV 16V 20% R/TP(SMD) SMD	C501	0CE226SF6DC	22UF MVG 16V 20% SMD R/TP
C2569	0CE227VF6DC	220UF MV 16V 20% R/TP(SMD) SMD	C5016	0CE227DF618	220UF STD 16V 20% FL TP 5
C2572	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C5017	0CE105CK636	1UF SHL,SD 50V 20% FM5 BP(D) TP
C2573	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C5018	0CE105CK636	1UF SHL,SD 50V 20% FM5 BP(D) TP
C2576	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C5019	0CE105CK636	1UF SHL,SD 50V 20% FM5 BP(D) TP
C2579	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP	C5023	0CE105CK636	1UF SHL,SD 50V 20% FM5 BP(D) TP
C2580	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP	C506	0CE106SF6DC	10UF MVG 16V 20% R/TP(SMD) SMD

# REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION
C507	0CE106SF6DC	10UF MVG 16V 20% R/TP(SMD) SMD
C509	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
C511	0CE335SK6DC	3.3UF MVG 50V 20% SMD R/TP
C513	0CK474DH56A	0.47UF 2012 25V 10% R/TP X7R
C515	0CK474DH56A	0.47UF 2012 25V 10% R/TP X7R
C517	0CK474DH56A	0.47UF 2012 25V 10% R/TP X7R
C519	0CK474DH56A	0.47UF 2012 25V 10% R/TP X7R
C521	0CK474DH56A	0.47UF 2012 25V 10% R/TP X7R
C523	0CK474DH56A	0.47UF 2012 25V 10% R/TP X7R
C525	0CK474DH56A	0.47UF 2012 25V 10% R/TP X7R
C527	0CK474DH56A	0.47UF 2012 25V 10% R/TP X7R
C530	0CE335SK6DC	3.3UF MVG 50V 20% SMD R/TP
C531	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
C533	0CE226SF6DC	22UF MVG 16V 20% SMD R/TP
C541	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
C546	0CE226SF6DC	22UF MVG 16V 20% SMD R/TP
C548	0CE106SF6DC	10UF MVG 16V 20% R/TP(SMD) SMD
C556	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
C558	0CK105DF64A	1UF 2012 16V 20% F(Y5V) R/TP
C559	0CK105DF64A	1UF 2012 16V 20% F(Y5V) R/TP
C562	0CE106SK6DC	10UF MVG 50V 20% SMD R/TP
C565	0CE108DH618	1000UF STD 25V 20% FL TP 5
C568	0CE108DH618	1000UF STD 25V 20% FL TP 5
C576	0CF4741L438	0.47UF D 63V 5% TP 5 M/PE NI
C583	0CF4741L438	0.47UF D 63V 5% TP 5 M/PE NI
C601	0CE477DK618	470UF STD 50V 20% FL TP 5
C606	0CE477DK618	470UF STD 50V 20% FL TP 5
C607	0CE477VF6DC	470UF MV 16V 20% R/TP(SMD) SMD
C612	0CE227VF6DC	220UF MV 16V 20% R/TP(SMD) SMD
C613	0CE477VF6DC	470UF MV 16V 20% R/TP(SMD) SMD
C618	0CE227VF6DC	220UF MV 16V 20% R/TP(SMD) SMD
C619	0CE477VF6DC	470UF MV 16V 20% R/TP(SMD) SMD
C624	0CE227VF6DC	220UF MV 16V 20% R/TP(SMD) SMD
C625	0CE477VF6DC	470UF MV 16V 20% R/TP(SMD) SMD
C628	0CE477VF6DC	470UF MV 16V 20% R/TP(SMD) SMD
C631	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
C634	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
C637	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
C643	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
C646	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
C649	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
C650	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
C653	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
C656	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
C659	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
C662	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
C665	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
C668	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
C669	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
C672	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
C675	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
C681	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP

LOCA. NO	PART NO	DESCRIPTION
C682	0CK105DF64A	1UF 2012 16V 20% F(Y5V) R/TP
C684	0CK105DF64A	1UF 2012 16V 20% F(Y5V) R/TP
C685	0CE226SF6DC	22UF MVG 16V 20% SMD R/TP
C686	0CE227VF6DC	220UF MV 16V 20% R/TP(SMD) SMD
C687	0CK105DF64A	1UF 2012 16V 20% F(Y5V) R/TP
C8102	0CZZVSB015A	PCK2 337 1.0UF 275V 10% BULK X-CAP
C8103	0CZZVSB015A	PCK2 337 1.0UF 275V 10% BULK X-CAP
R1119	0CK105DF64A	1UF 2012 16V 20% F(Y5V) R/TP
R1122	0CK105DF64A	1UF 2012 16V 20% F(Y5V) R/TP
R1531	0CK105DF64A	1UF 2012 16V 20% F(Y5V) R/TP
R1532	0CK105DF64A	1UF 2012 16V 20% F(Y5V) R/TP
<b>COIL</b>		
L2502	6140VB0004B	COIL,CHOKE 26UH
L2504	6140VB0004B	COIL,CHOKE 26UH
L2507	6140VB0004B	COIL,CHOKE 26UH
L2509	6140VB0004B	COIL,CHOKE 26UH
L510	6140VB0024A	COIL,CHOKE LPK-1322A 22UH +-10%
L511	6140VB0024A	COIL,CHOKE LPK-1322A 22UH +-10%
L512	6140VB0024A	COIL,CHOKE LPK-1322A 22UH +-10%
L513	6140VB0024A	COIL,CHOKE LPK-1322A 22UH +-10%
L601	6140VB0004B	COIL,CHOKE 26UH
L603	6140VB0004B	COIL,CHOKE 26UH
L605	6140VB0004B	COIL,CHOKE 26UH
L607	6140VB0004B	COIL,CHOKE 26UH
<b>WAFER</b>		
C27	366-036B	CONNECTOR,WAFER STAPLE
CN107	6630VE00731	CONNECTOR,WAFER 10022HS-31A02
CN108	6630VE00731	CONNECTOR,WAFER 10022HS-31A02
CN1107	6630VE00731	CONNECTOR,WAFER 10022HS-31A02
CN1108	6630VE00731	CONNECTOR,WAFER 10022HS-31A02
CN1110	366-932C	CONNECTOR,WAFER IL-G-04P
CN1111	366-921G	CONNECTOR,WAFER 8PIN 2.54MM
CN1112	366-921L	CONNECTOR,WAFER 12PIN 2.54MM
CN1601	366-932E	CONNECTOR,WAFER 6PIN 2.54MM
CN1602	366-932E	CONNECTOR,WAFER 6PIN 2.54MM
CN1701	366-932C	CONNECTOR,WAFER IL-G-04P
CN2101	366-932C	CONNECTOR,WAFER IL-G-04P
CN2451	6602T11001A	WAFER,FI-TWE21P-VF JAE 21P
CN2501	366-921L	CONNECTOR,WAFER 12PIN 2.54MM
CN2502	366-921H	CONNECTOR,WAFER 9PIN 2.54MM
CN301	366-932E	CONNECTOR,WAFER 6PIN 2.54MM
CN302	366-932E	CONNECTOR,WAFER 6PIN 2.54MM
CN401	366-932C	CONNECTOR,WAFER IL-G-04P
CN501	366-932C	CONNECTOR,WAFER IL-G-04P
CN502	366-932B	CONNECTOR,WAFER IL-G-03P
CN601	366-921L	CONNECTOR,WAFER 12PIN 2.54MM
CN602	366-932C	CONNECTOR,WAFER IL-G-04P
CN603	366-932B	CONNECTOR,WAFER IL-G-03P
CN604	366-932B	CONNECTOR,WAFER IL-G-03P
CN605	366-921J	CONNECTOR,WAFER 10PIN 2.54MM



# REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION
IC2452	6602T11001A	WAFER,FI-TWE21P-VF JAE 21P
P101	366-922L	CONNECTOR,WAFER 12PIN 2.54MM
P101	366-922C	WAFER,IL-G-04P LGC 2.5MM R/A
P111	366-932C	CONNECTOR,WAFER IL-G-04P
P112	366-932B	CONNECTOR,WAFER IL-G-03P
P201	366-922C	WAFER,IL-G-04P LGC 2.5MM R/A
P5001	366-921G	CONNECTOR,WAFER 8PIN 2.54MM
P5002	366-932B	CONNECTOR,WAFER IL-G-03P
P5003	366-932B	CONNECTOR,WAFER IL-G-03P
P5004	366-932B	CONNECTOR,WAFER IL-G-03P
P5005	366-932B	CONNECTOR,WAFER IL-G-03P
P8101	6602V00012A	CONNECTOR,WAFER ETC 2P
P8102	6602V39002A	CONNECTOR,WAFER 3.96MM 2P
P8103	6602V39002A	CONNECTOR,WAFER 3.96MM 2P
P8203	366-921H	CONNECTOR,WAFER 9PIN 2.54MM
P8204	6602V25009F	CONNECTOR,WAFER 2.5MM 7P
P8205	6602V25009F	CONNECTOR,WAFER 2.5MM 7P
P8206	6630VL04008	CONNECTOR,WAFER 0-171825-8
P8207	6630VL04008	CONNECTOR,WAFER 0-171825-8
P8210	6602V39001B	CONNECTOR,WAFER 3.96MM 4P
P8212	6602V39001B	CONNECTOR,WAFER 3.96MM 4P
P8213	6602V39002B	CONNECTOR,WAFER YW396
P8214	6602V39002B	CONNECTOR,WAFER YW396
<b>RESISTOR</b>		
C1	387-J12M	CONNECTOR ASSEMBLY,12P 2.5MM 800MM
C10	6631V00045D	CONNECTOR ASSEMBLY,10P 2.5MM 250MM
C11	6631V10008A	CONNECTOR ASSEMBLY,31P 1.0MM 50MM
C12	6631V25084E	CONNECTOR ASSEMBLY,12P 2.5MM 300MM
C13	387-J04L	CONNECTOR ASSEMBLY,4P 2.5MM 700MM
C14	6631V25032E	CONNECTOR ASSEMBLY,3P 2.5MM 300MM
C15	6631V25032M	CONNECTOR ASSEMBLY,3P 2.5MM 800MM
C16	6631V25060G	CONNECTOR ASSEMBLY,7P 2.5MM 400MM
C17	6631V25060M	CONNECTOR ASSEMBLY,7P 2.5MM 800MM
C18	6631V25061B	CONNECTOR ASSEMBLY,8P 2.5MM 150MM
C19	6631V39025G	CONNECTOR ASSEMBLY,4P 3.96MM 400MM
C2	6631V00012C	CONNECTOR ASSEMBLY,2P 8.0MM 200MM
C20	6631V39025L	CONNECTOR ASSEMBLY,4P 3.96MM 700MM
C21	6631V39027J	CONNECTOR ASSEMBLY,10P 3.96MM 500MM
C22	6631V39027N	CONNECTOR ASSEMBLY,10P 3.96MM 900MM
C23	6631V39028B	CONNECTOR ASSEMBLY,3P 3.96MM 150MM
C24	6631V39028G	CONNECTOR ASSEMBLY,3P 3.96MM 400MM
C25	6631V39029K	CONNECTOR ASSEMBLY,4P 3.96MM 600MM
C26	6631V39029P	CONNECTOR ASSEMBLY,4P 3.96MM 1000MM
C3	387-G03J	CONNECTOR ASSEMBLY,3P 2.5MM 500MM
C4	387-J04J	CONNECTOR ASSEMBLY,4P 2.5MM 500MM
C5	387-G09J	CONNECTOR ASSEMBLY,9P 2.5MM 500MM
C6	387-J04C	CONNECTOR ASSEMBLY,4P 2.5MM 200MM
C7	387-J06C	CONNECTOR ASSEMBLY,6P 2.5MM 200MM
C8	387-J06E	CONNECTOR ASSEMBLY,6P 2.5MM 300MM
C9	387-J08P	CONNECTOR ASSEMBLY,8P 2.5MM 1000MM
CN1101	6630VGA001C	CONNECTOR,D-SUB 15PIN 2.29MM

LOCA. NO	PART NO	DESCRIPTION
CN1202	6630VGA004B	CONNECTOR,D-SUB 9P 2.77MM
<b>JACK</b>		
CN103	6612M00001A	JACK,SCART UPJ-R1-023
CN104	6612M00001A	JACK,SCART UPJ-R1-023
CN1103	6612BBBH6A	JACK,DIN 440062-1
CN1105	6612VJH019B	JACK,RCA PPJ121B 4P
CN1301	6612B00015A	JACK,DIN DC1R019NDA JAE 1.0MM
JA101	6612VJH020B	JACK,RCA PPJ122B 6P
JA102	380-363G	JACK,DIN 6046B-01S
JA1101	6612VJH020C	JACK,RCA PPJ122C 6P
JA1102	380-068E	JACK,PHONE UEJ-CV-018
JA1102	6612F00087B	JACK,PHONE KJA-PH-0-0104
JA1104	6612VJH020C	JACK,RCA PPJ122C 6P
JA1105	6612VJH019B	JACK,RCA PPJ121B 4P
JA1112	6612F00087B	JACK,PHONE KJA-PH-0-0104
JA1201	380-068E	JACK,PHONE UEJ-CV-018
JK111	6612VLH002A	JACK,RCA SP026B 4P
<b>RESISTOR</b>		
AR1301	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR1302	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR1303	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR1304	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR1501	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR1502	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR1503	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR1504	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR1505	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR1506	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR1601	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR1602	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR1603	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR1604	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR1701	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR1702	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR1703	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR1704	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2001	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2002	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2003	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2004	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2005	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2006	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2007	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2008	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2009	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2010	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2011	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2012	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2013	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2014	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%

# REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION
AR2015	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2016	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2017	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2101	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2102	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2103	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2104	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2105	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2106	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2107	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2108	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2109	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2110	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2111	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2112	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2113	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2114	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2115	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2116	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2117	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2451	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2452	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2453	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2454	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2455	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2456	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2457	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2458	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2459	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2460	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2461	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
AR2462	0RRZVTA001D	22 OHM 1 / 16 W 1608 5%
R5026	ORD0331H609	3.3 OHM 1/2 W 5.00% TA52
R8101	ORKZVTA001L	1.0M OHM 1/2 W 5%
R8104	ORKZVTA001L	1.0M OHM 1/2 W 5%
<b>SWITCH</b>		
SW001	140-315A	SWITCH,TACT SKHV17910B
SW002	140-315A	SWITCH,TACT SKHV17910B
SW003	140-315A	SWITCH,TACT SKHV17910B
SW004	140-315A	SWITCH,TACT SKHV17910B
SW005	140-315A	SWITCH,TACT SKHV17910B
SW006	140-315A	SWITCH,TACT SKHV17910B
SW007	140-315A	SWITCH,TACT SKHV17910B
SW201	140-315A	SWITCH,TACT SKHV17910B
SW202	140-315A	SWITCH,TACT SKHV17910B
SW203	140-315A	SWITCH,TACT SKHV17910B
SW204	140-315A	SWITCH,TACT SKHV17910B
SW205	140-315A	SWITCH,TACT SKHV17910B
SW206	140-315A	SWITCH,TACT SKHV17910B
SW2201	140-313B	SWITCH,TACT 2LEAD 160G(TA)

LOCA. NO	PART NO	DESCRIPTION
<b>FILTER &amp; CRYSTAL</b>		
F101	6200VJS001A	FILTER,EMC ZJY51R5-4P
F102	6200VJS001B	FILTER,EMC ZJYS51R5-2PL(T)
F103	6200VJS001B	FILTER,EMC ZJYS51R5-2PL(T)
L102	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L103	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L104	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L1101	6200J000048	FILTER,EMC MLB-160808-0080A-N2
L1102	6200J000048	FILTER,EMC MLB-160808-0080A-N2
L1141	6200J00012A	FILTER,EMC ACM2012-900H-2P
L1142	6200J00012A	FILTER,EMC ACM2012-900H-2P
L1143	6200J00012A	FILTER,EMC ACM2012-900H-2P
L1144	6200J00012A	FILTER,EMC ACM2012-900H-2P
L1145	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L1146	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L1201	6200J000048	FILTER,EMC MLB-160808-0080A-N2
L1202	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L1203	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L1204	6200J000048	FILTER,EMC MLB-160808-0080A-N2
L1205	6200J000048	FILTER,EMC MLB-160808-0080A-N2
L1301	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L1302	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L1303	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L1304	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L1305	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L1341	6200J00012A	FILTER,EMC ACM2012-900H-2P
L1342	6200J00012A	FILTER,EMC ACM2012-900H-2P
L1343	6200J00012A	FILTER,EMC ACM2012-900H-2P
L1344	6200J00012A	FILTER,EMC ACM2012-900H-2P
L1351	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L1451	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L1461	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L1501	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L1502	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L1503	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L1504	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L1505	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L1506	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L1507	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L1508	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L1601	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L1602	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L1701	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L1702	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L1801	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L1901	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L201	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L203	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L2031	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L2032	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L2033	6210VC0006A	FILTER,EMC FBMH3216 HM501NT

# REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
L2034	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	L616	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L2035	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	L617	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L204	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	L618	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L2131	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	L619	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L2132	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	L620	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L2133	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	L621	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L2134	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	L681	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L2135	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	L684	6210VC0006A	FILTER,EMC FBMH3216 HM501NT
L221	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	L8103	6200J000071	FILTER,EMC LS316100 10.0MH
L2401	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	L8104	6200J000071	FILTER,EMC LS316100 10.0MH
L2402	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	L8105	6200J000071	FILTER,EMC LS316100 10.0MH
L2451	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	X1501	6212AB2015C	RESONATOR,CRYSTAL HC-49/SM4H 25MHZ
L2452	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	X1601	6202VDT002E	RESONATOR,CRYSTAL SX-1SMD 20250000HZ
L2453	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	X1701	6202VDT002E	RESONATOR,CRYSTAL SX-1SMD 20250000HZ
L2454	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	X2001	6202VDT002J	RESONATOR,CRYSTAL SX-1 13.500000MHZ
L2455	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	X2101	6202VDT002J	RESONATOR,CRYSTAL SX-1 13.500000MHZ
L2505	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	X2201	6202VDT002B	RESONATOR,CRYSTAL SX-1 SC14.3MHZ
L2508	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	X301	6212AB2015B	RESONATOR,CRYSTAL HC-49/SM5H 20MHZ
L2511	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	X401	6212AB2015B	RESONATOR,CRYSTAL HC-49/SM5H 20MHZ
L2512	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	X501	156-A02M	RESONATOR,CRYSTAL HC49U 18.432MHZ
L2513	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	Y1501	6212AB2015C	RESONATOR,CRYSTAL HC-49/SM4H 25MHZ
L2514	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	<b>MISCELLANEOUS</b>		
L2515	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	C30	6850J00006A	CABLE,DVI TMDS UL20276 AWG30 800MM
L2516	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	F8101	0FS1502B67L	FUSE,SLOW BLOW 15000MA 250V
L2517	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	IC2302	6927V1101AM	SOFT WARE,3.07V 8037 PDP RF04FA
L2520	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	VA1141	6102W5V016A	VARIATOR,AVRL161A1R1NT
L2521	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	VA1142	6102W5V016A	VARIATOR,AVRL161A1R1NT
L2601	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	VA1143	6102W5V016A	VARIATOR,AVRL161A1R1NT
L2602	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	VA1144	6102W5V016A	VARIATOR,AVRL161A1R1NT
L2603	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	VA1145	6102W5V016A	VARIATOR,AVRL161A1R1NT
L2604	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	VA1146	6102W5V016A	VARIATOR,AVRL161A1R1NT
L2605	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	VA1147	6102W5V016A	VARIATOR,AVRL161A1R1NT
L2606	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	VA1148	6102W5V016A	VARIATOR,AVRL161A1R1NT
L2607	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	VA1341	6102W5V016A	VARIATOR,AVRL161A1R1NT
L2608	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	VA1342	6102W5V016A	VARIATOR,AVRL161A1R1NT
L2609	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	VA1343	6102W5V016A	VARIATOR,AVRL161A1R1NT
L5001	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	VA1344	6102W5V016A	VARIATOR,AVRL161A1R1NT
L504	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	VA1345	6102W5V016A	VARIATOR,AVRL161A1R1NT
L505	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	VA1346	6102W5V016A	VARIATOR,AVRL161A1R1NT
L507	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	VA1347	6102W5V016A	VARIATOR,AVRL161A1R1NT
L508	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	VA1348	6102W5V016A	VARIATOR,AVRL161A1R1NT
L509	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	VA8101	164-003G	VARIATOR,TVR621D14A 620V 10%
L602	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	<b>ACCESSORIES</b>		
L604	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	A1	3828VA0484A	MANUAL,RF04FA MW-71PY10/G
L606	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	A2	6710V00137K	REMOTE CONTROLLER
L608	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	A3	6410VUP001A	POWER CORD,PS204A+V1625BS 2800MM
L609	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	A4	6851V00019A	CABLE,COAXIAL RF 4AC208A0 3M
L610	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	A5	6850J00003A	CABLE,DVI-D TO DVI-D UL20276 AWG28 3000MM
L611	6210VC0006A	FILTER,EMC FBMH3216 HM501NT	A6	6866VA9001B	CONNECTOR,D-SUB 2990-9C UL 1161
L613	6210VC0006A	FILTER,EMC FBMH3216 HM501NT			
L614	6210VC0006A	FILTER,EMC FBMH3216 HM501NT			
L615	6210VC0006A	FILTER,EMC FBMH3216 HM501NT			

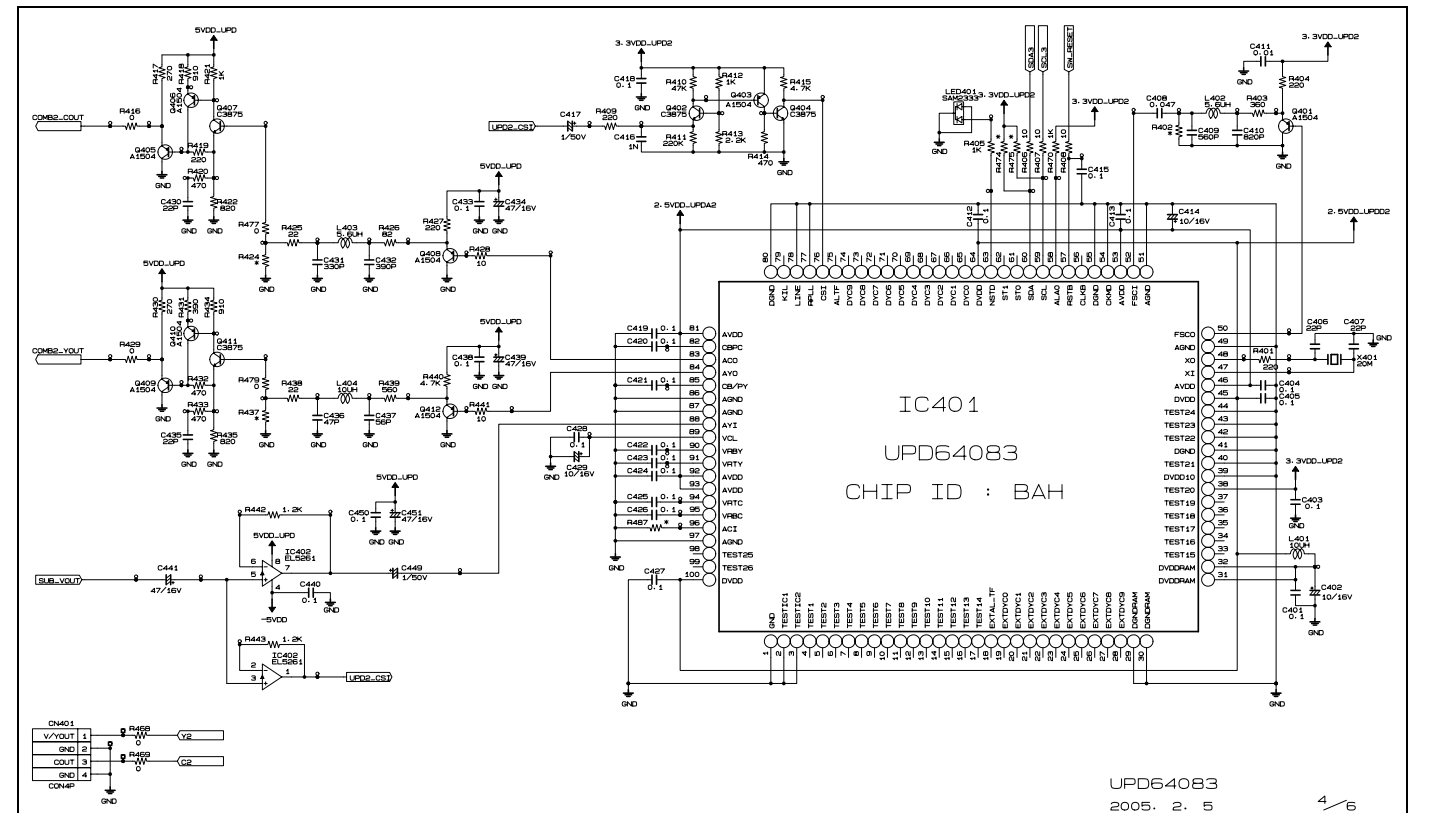
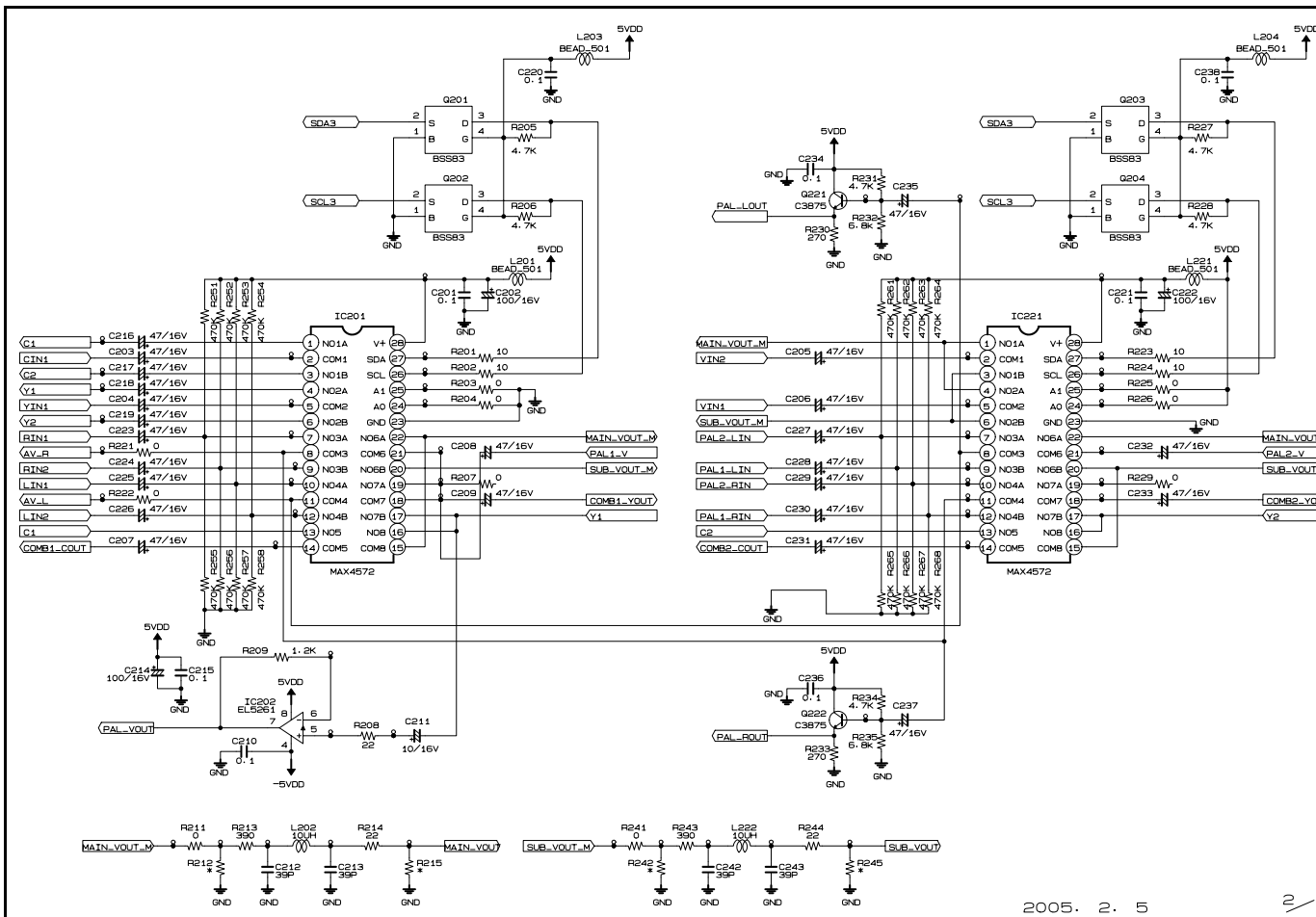
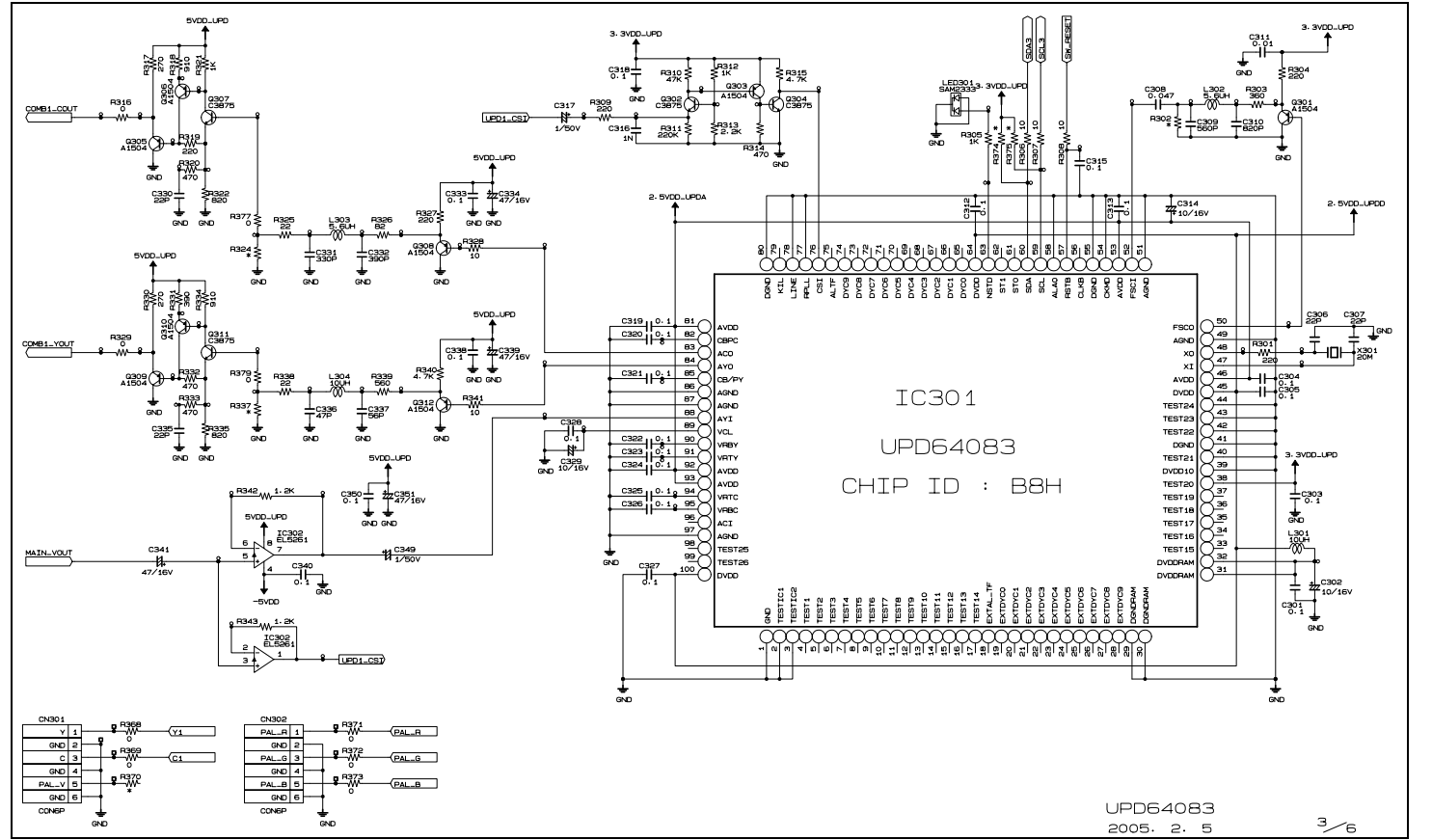
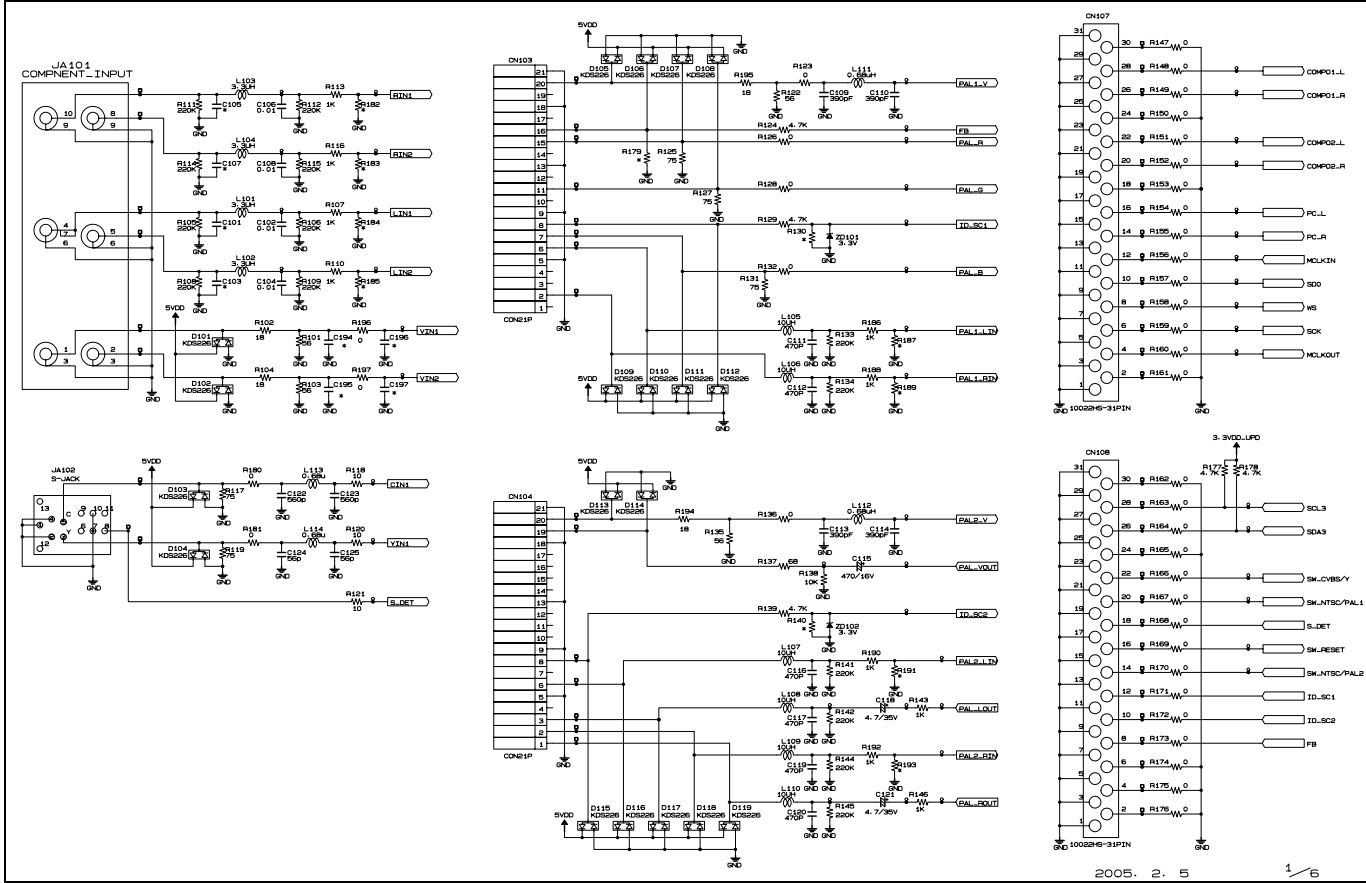


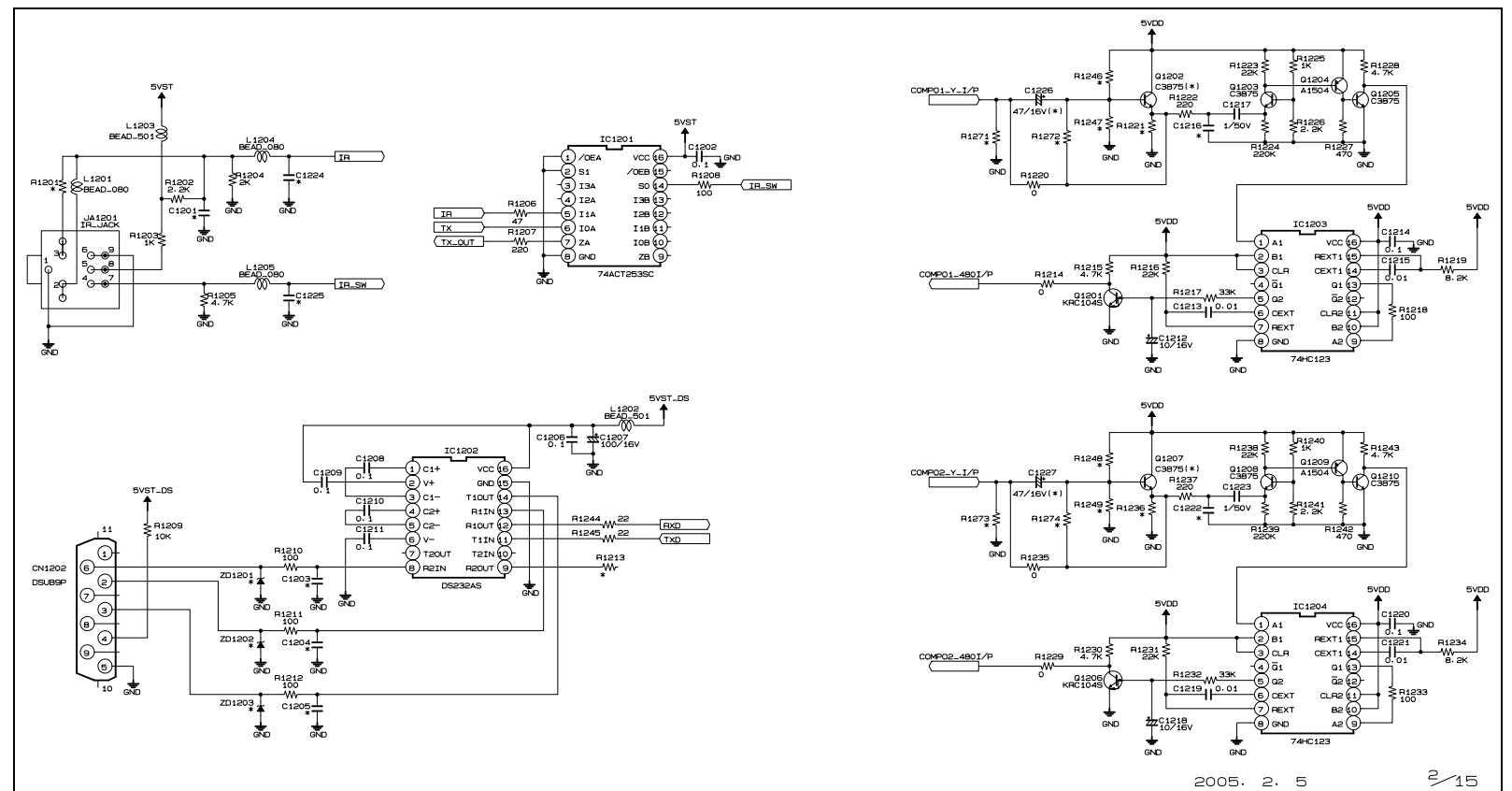
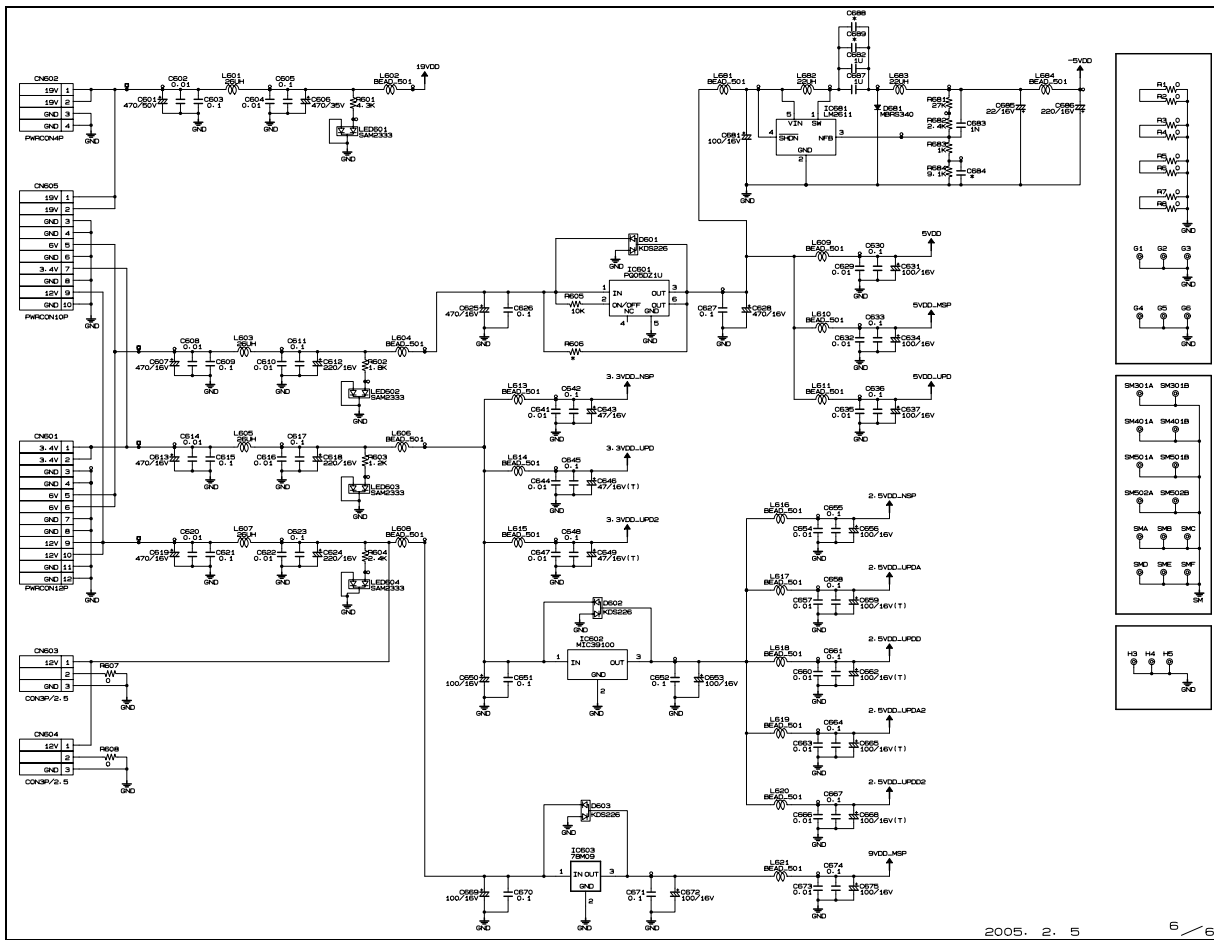
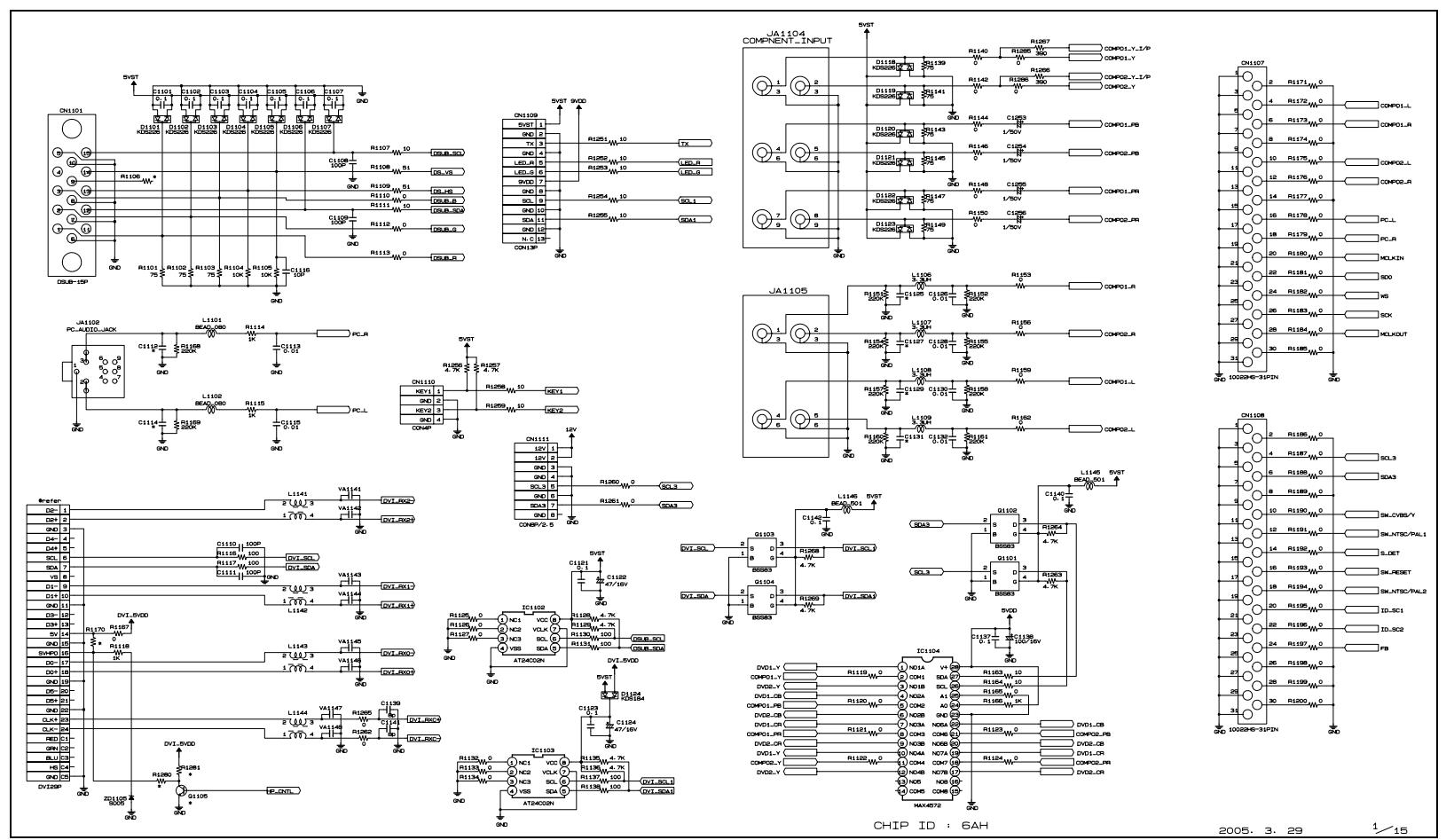
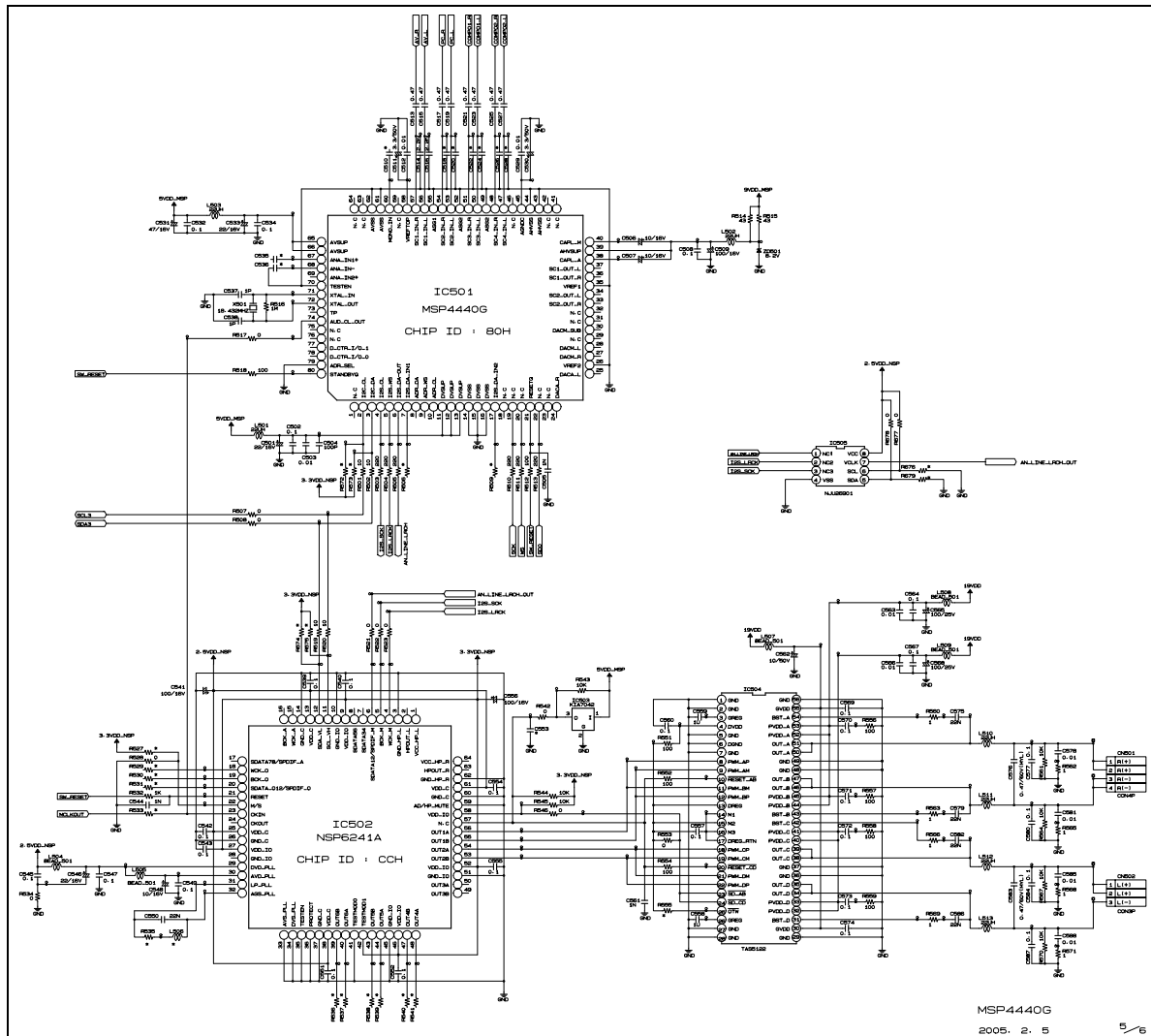
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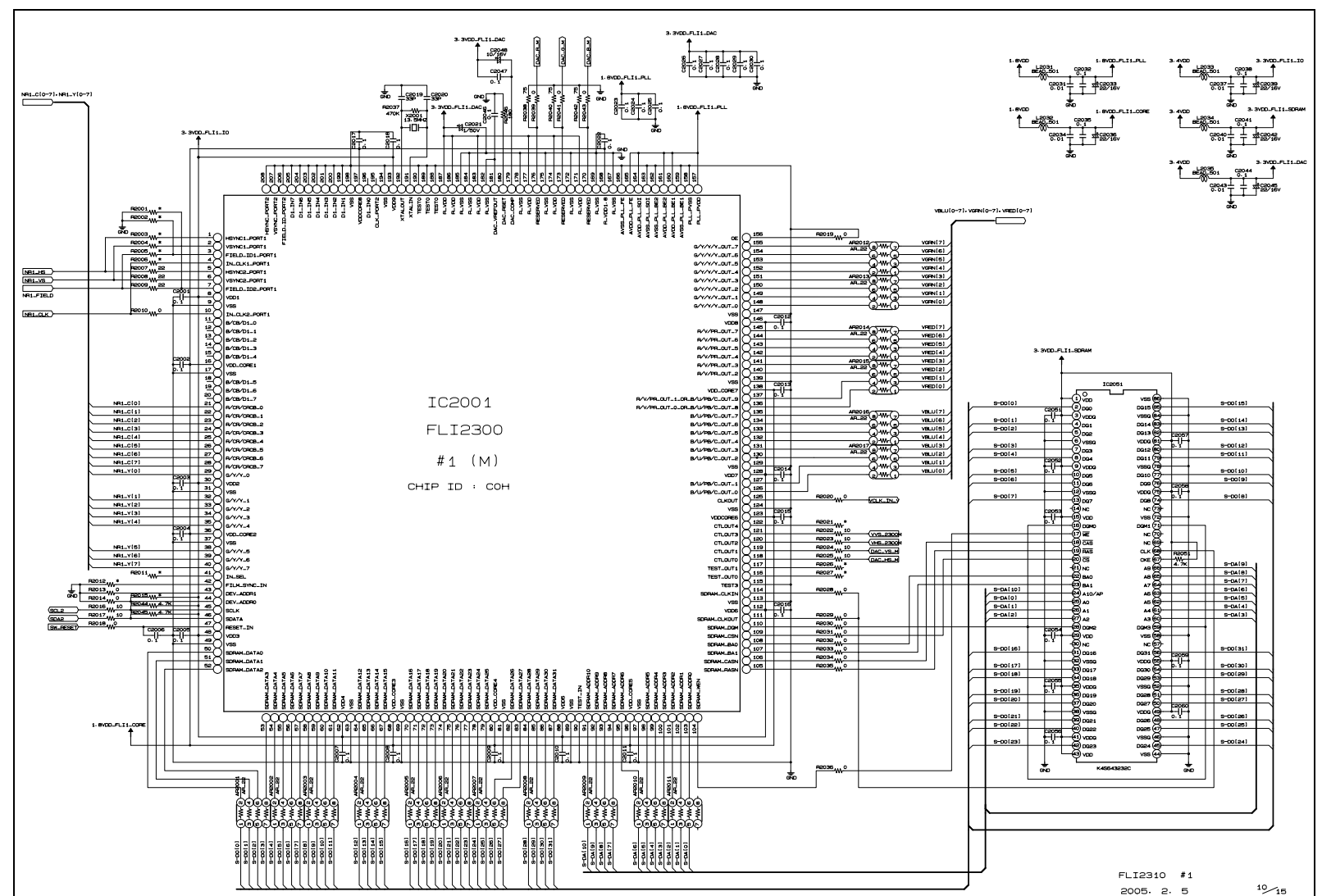
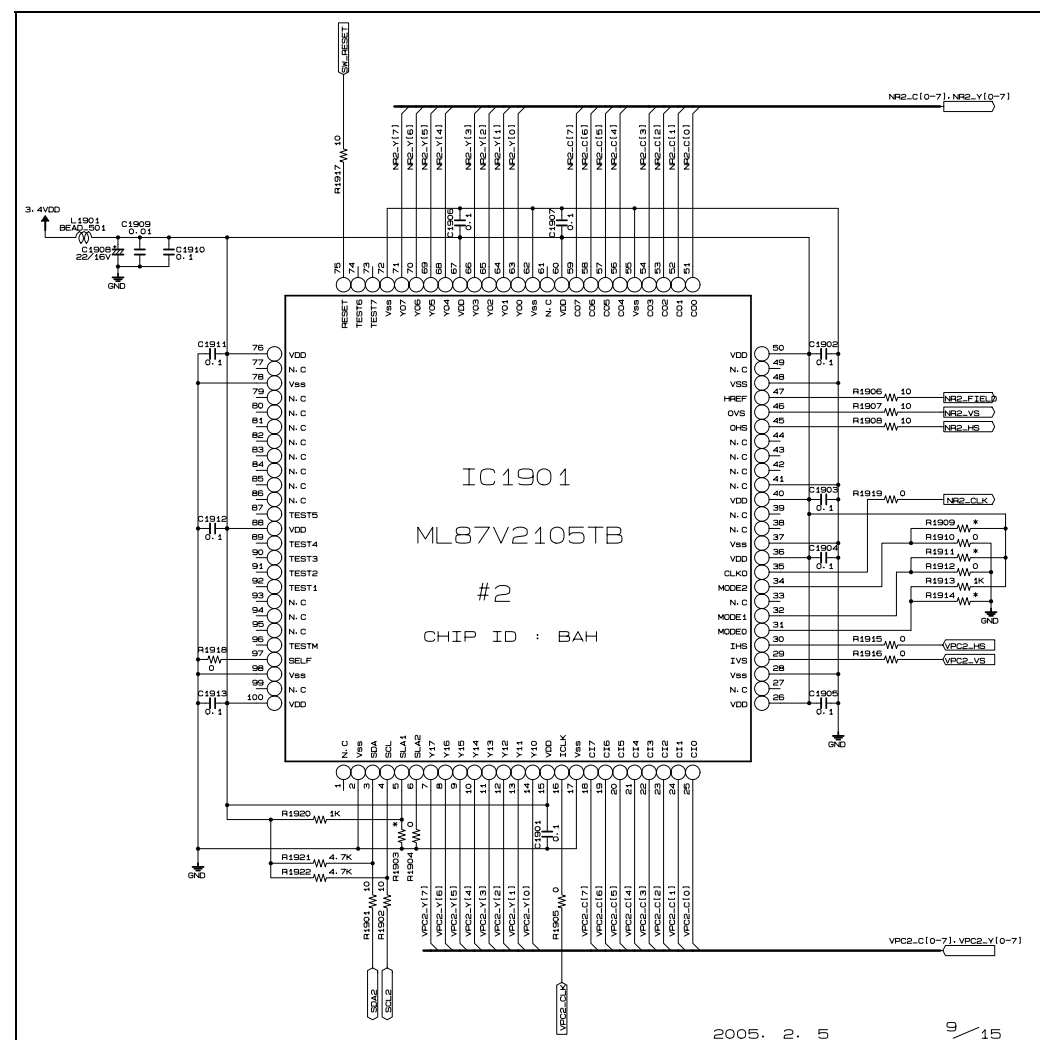
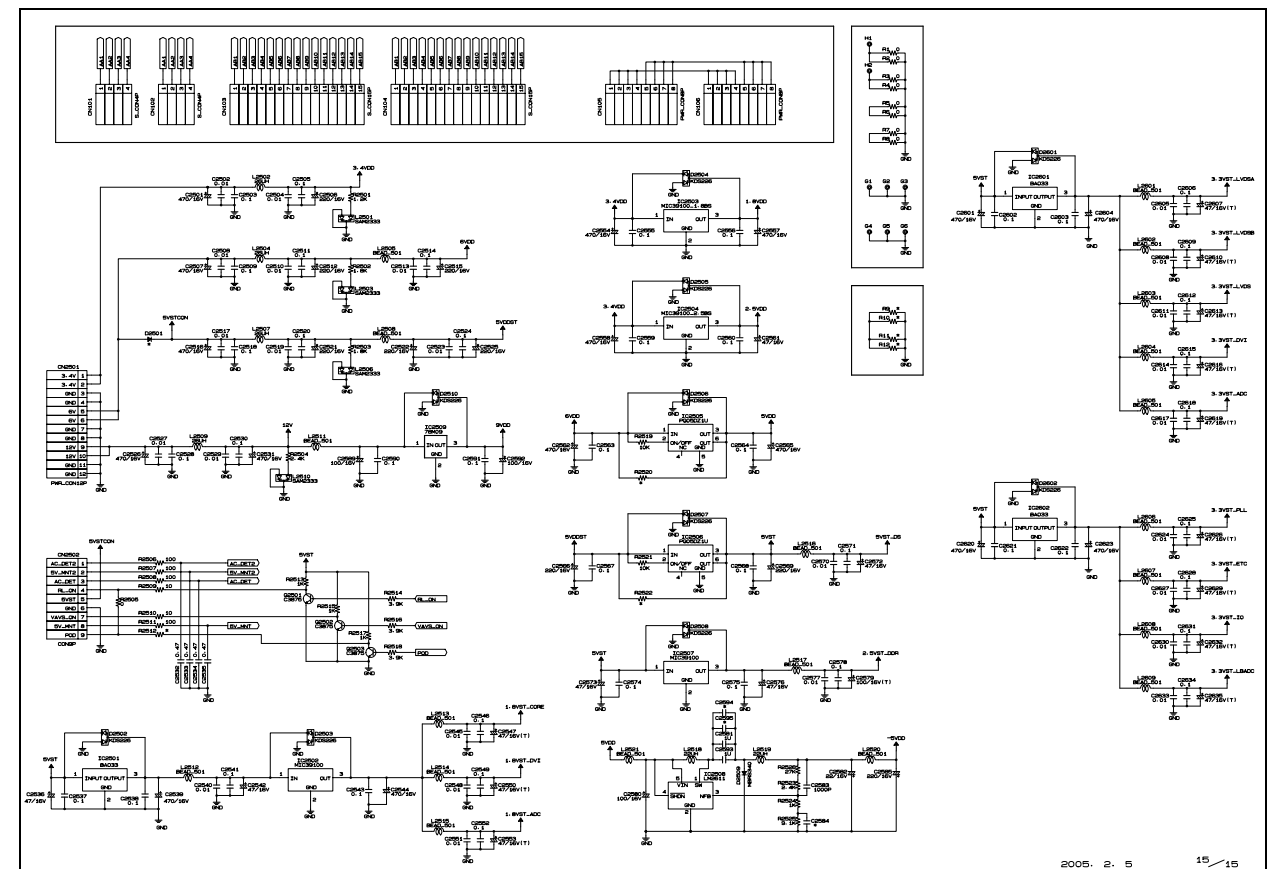
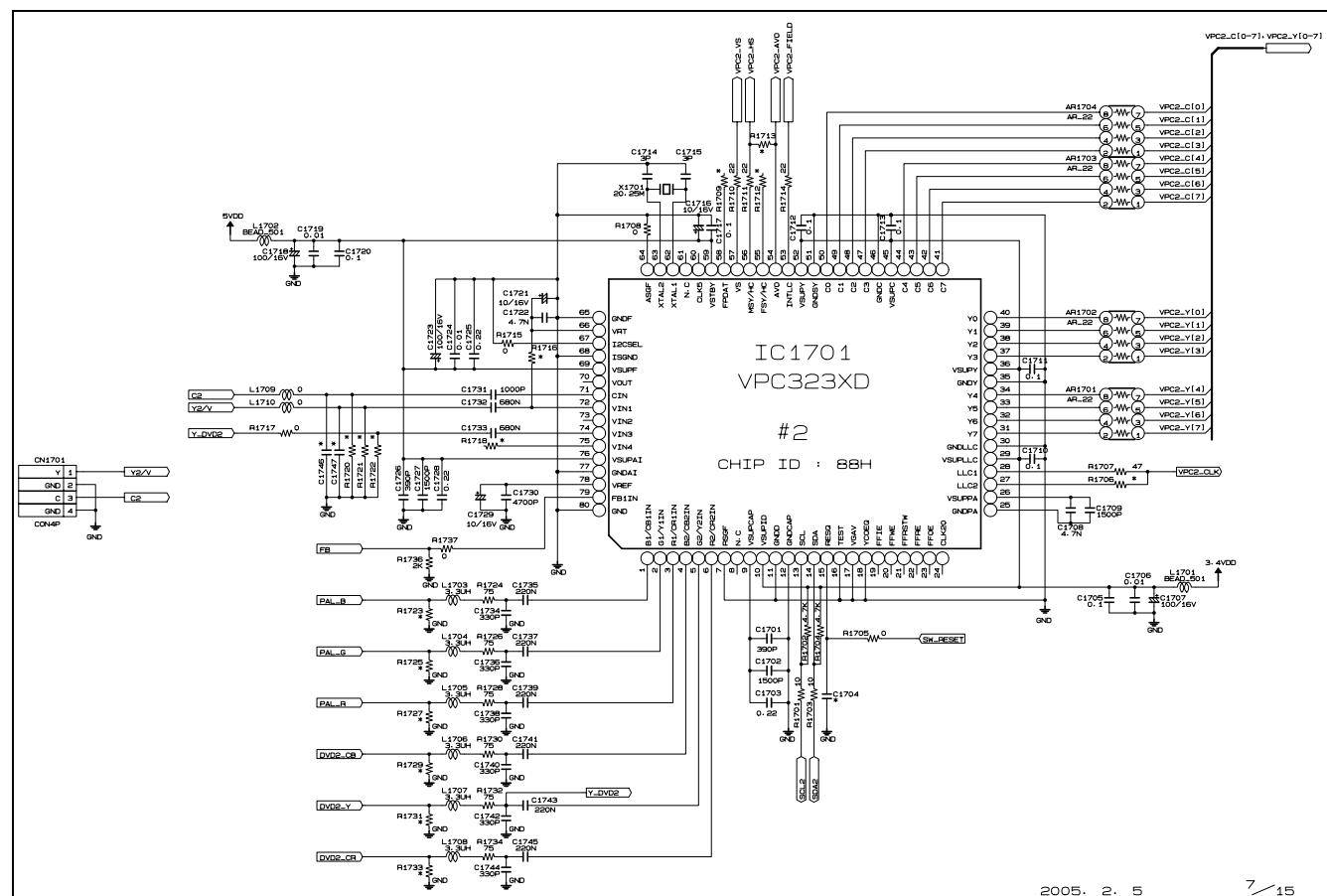
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Boulevard East Mississauga, Ontario L4Z 4G3**

**USA : LG Electronics Alabama Inc.  
P.O.Box 240007, 201 James Record Road, Bldg. 3,  
Huntsville, AL 35824**

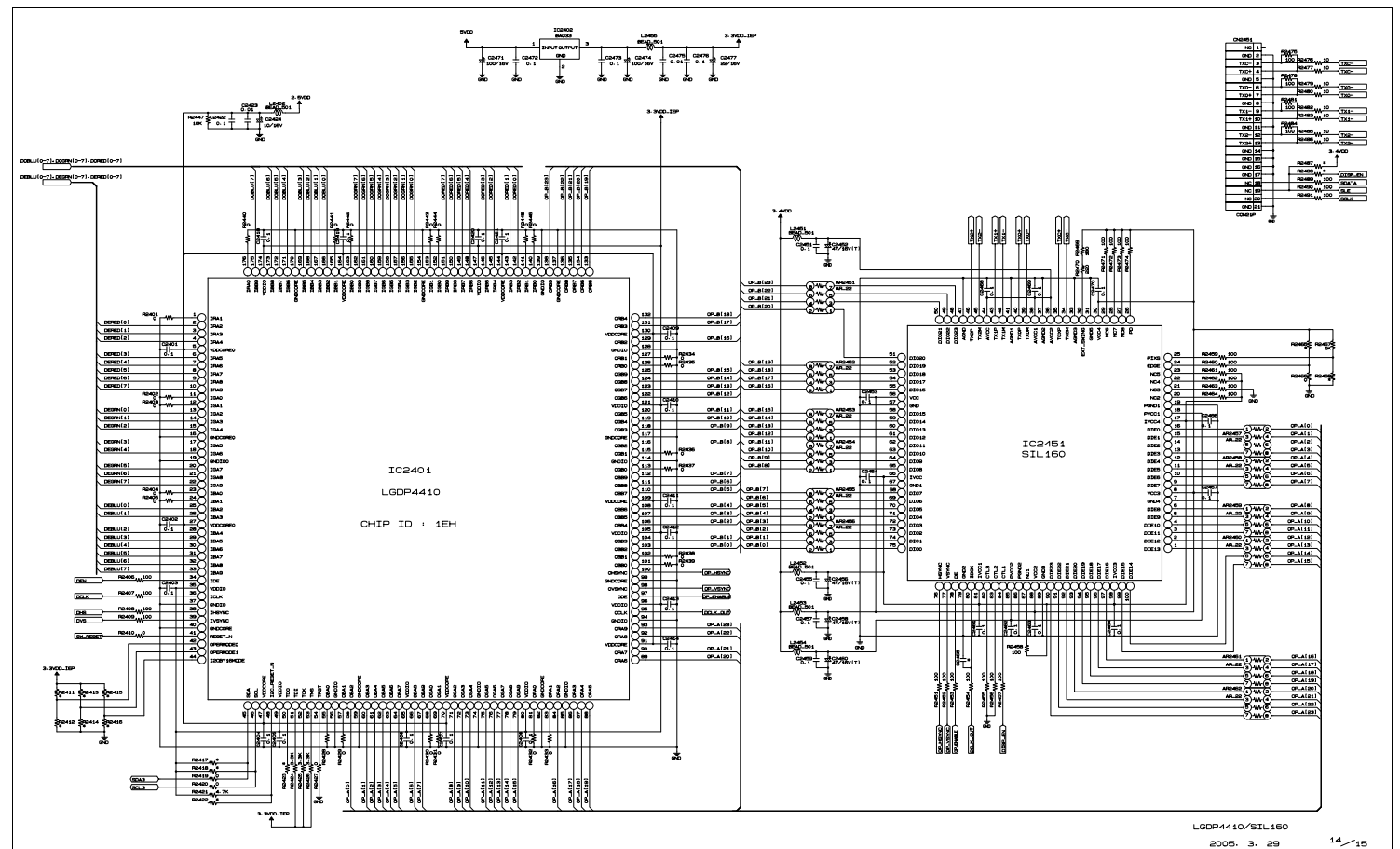
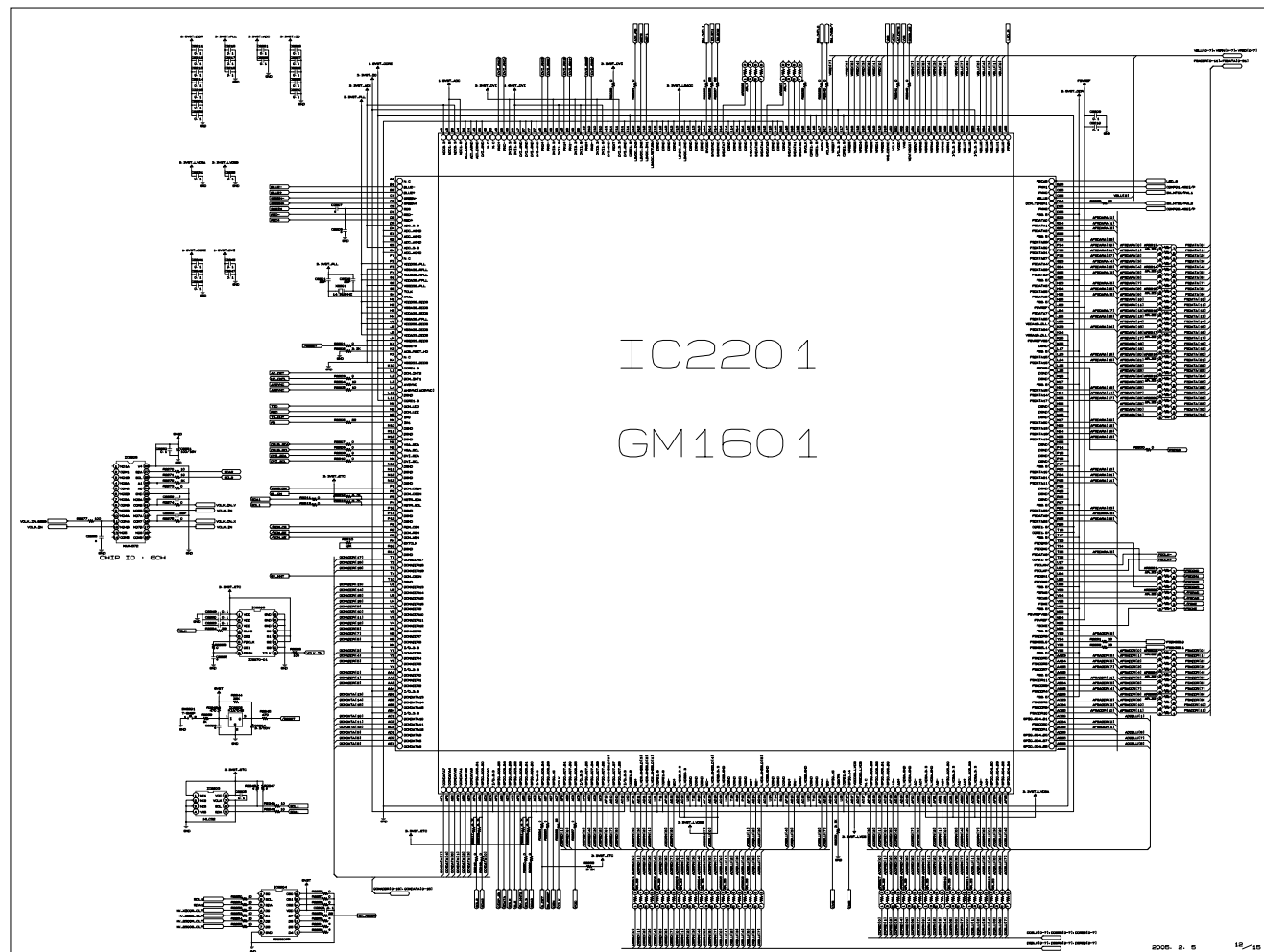
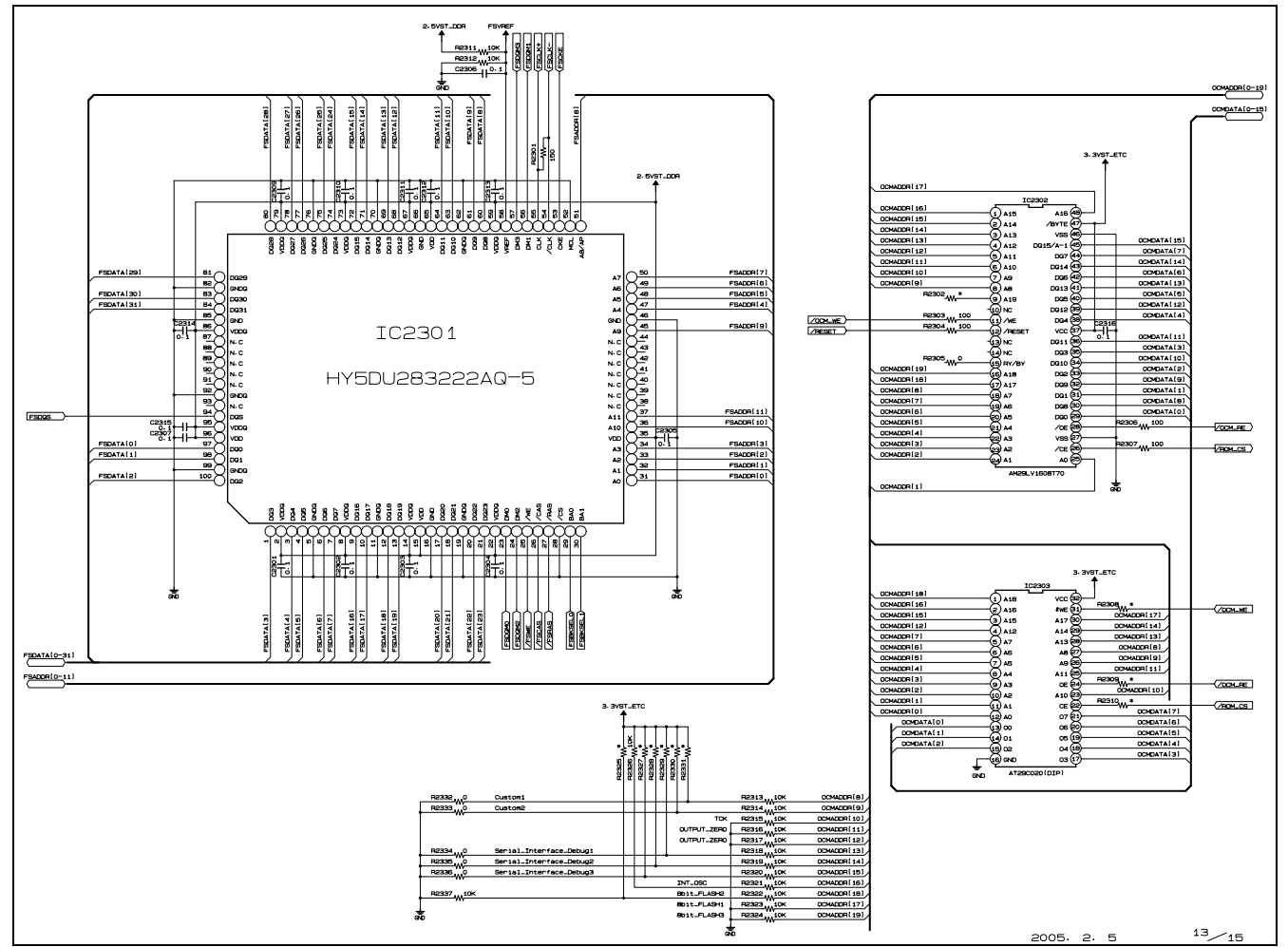
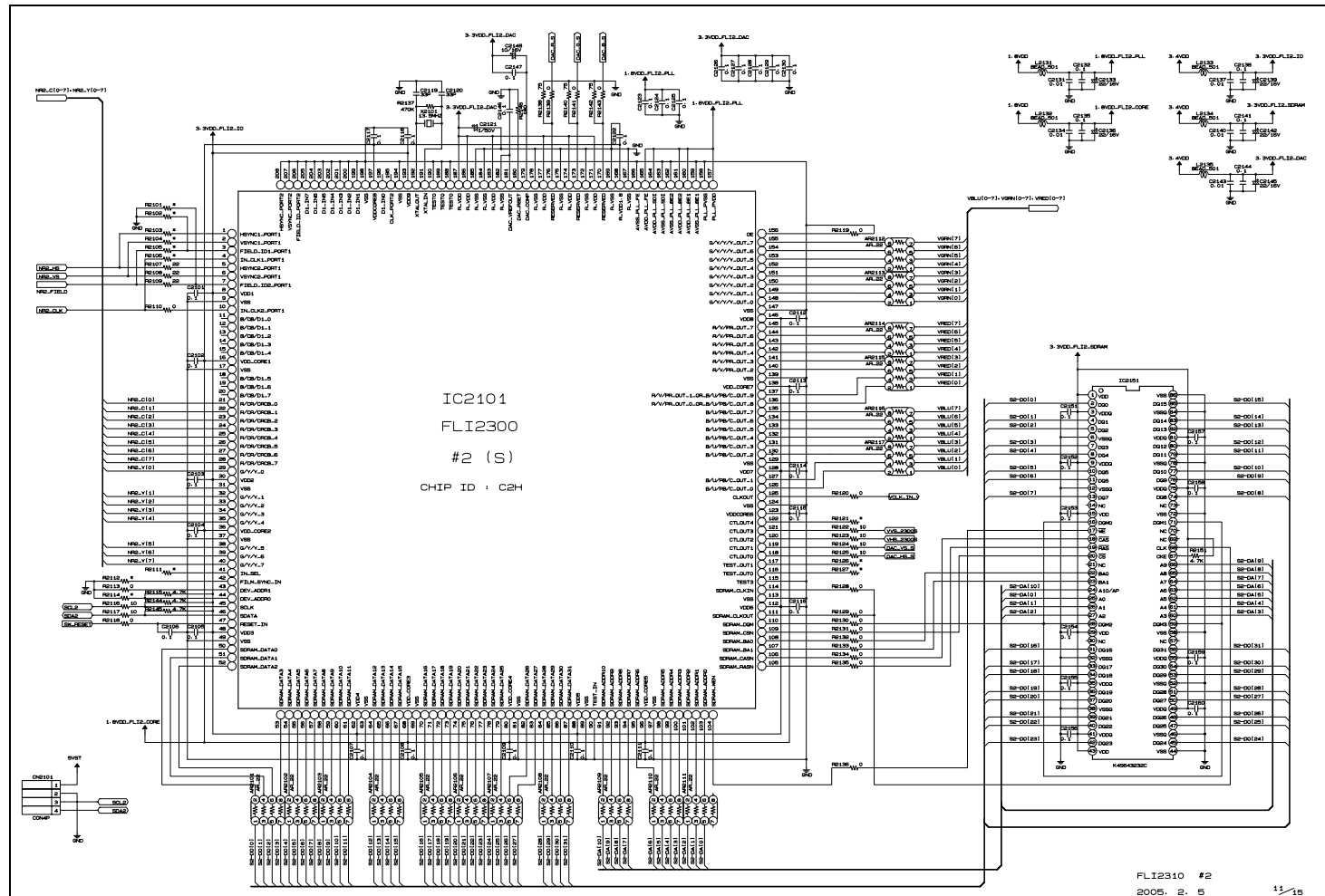




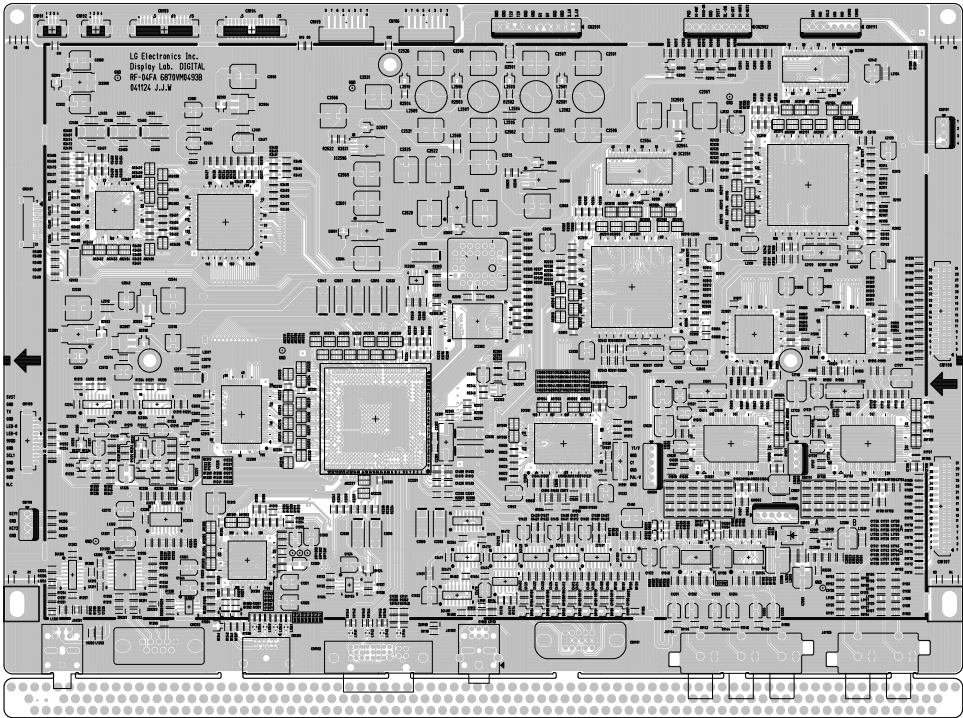




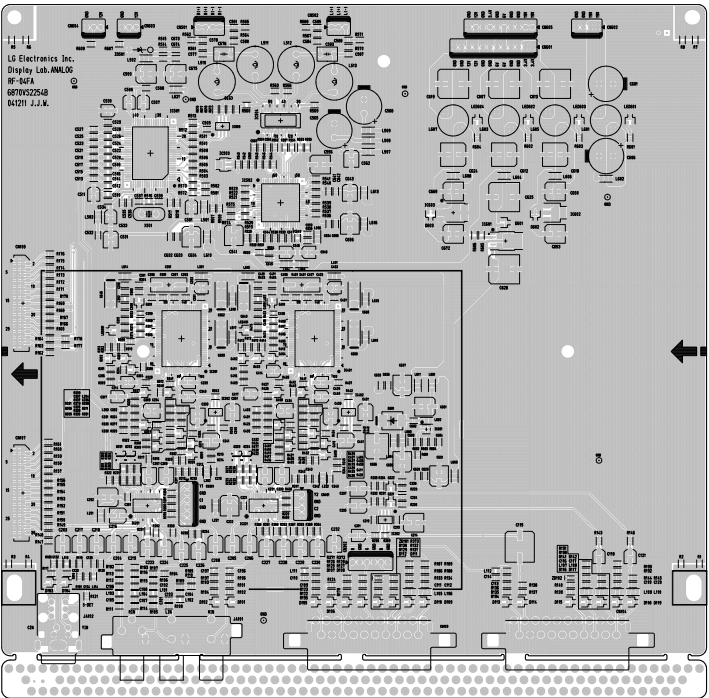




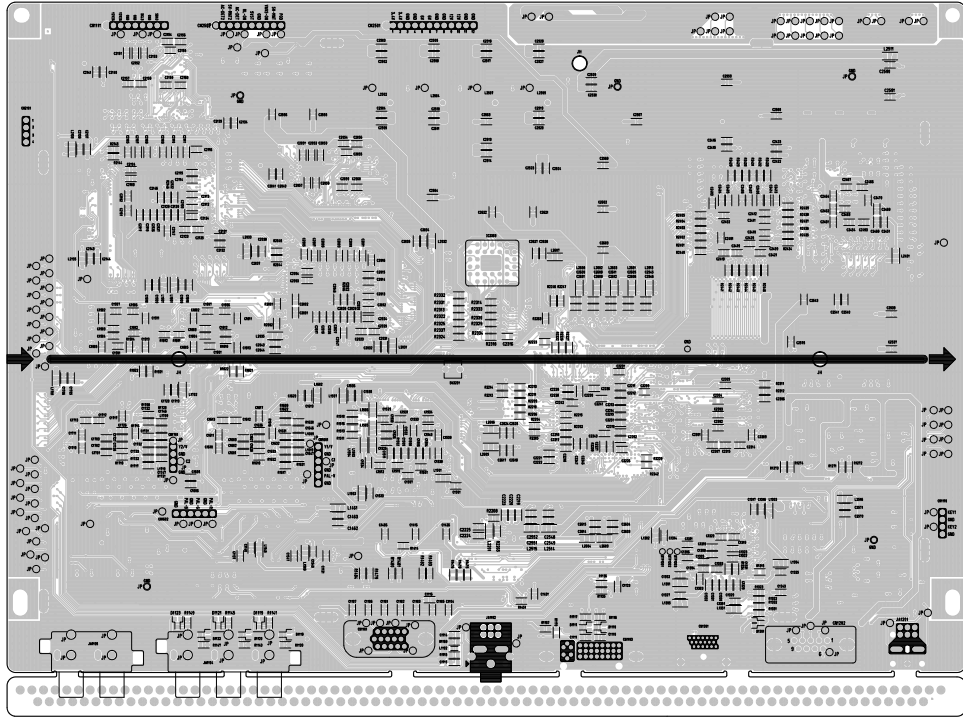
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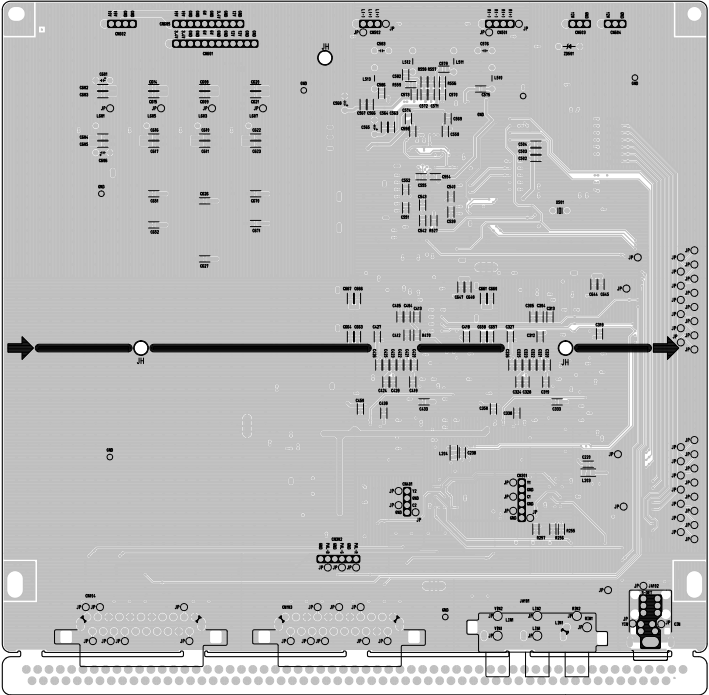
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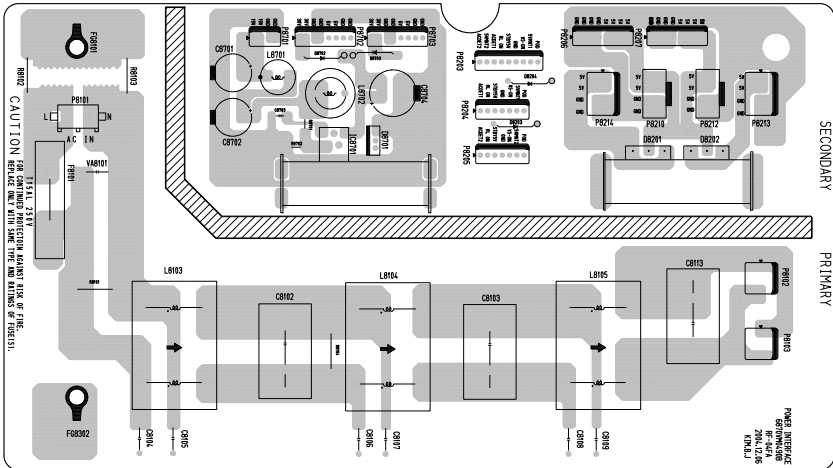
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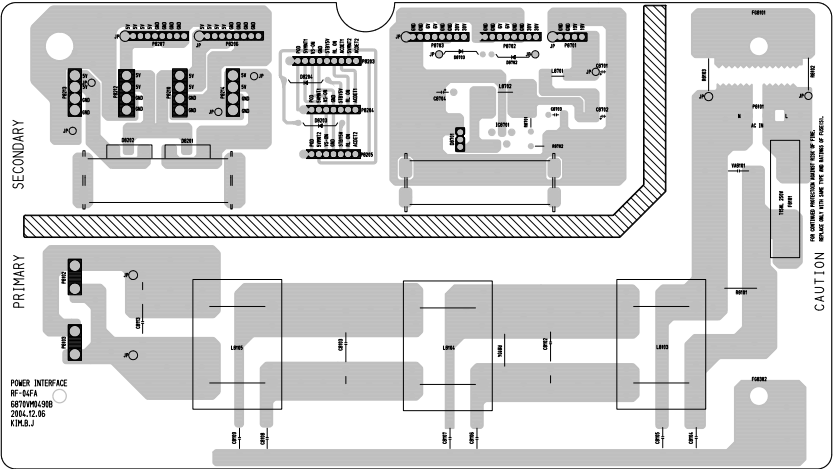
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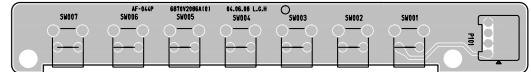
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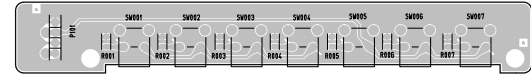
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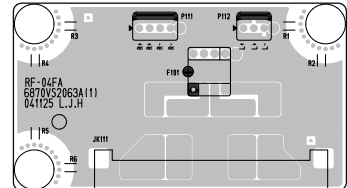
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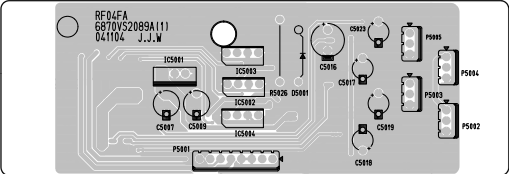
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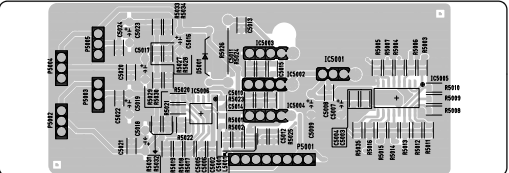
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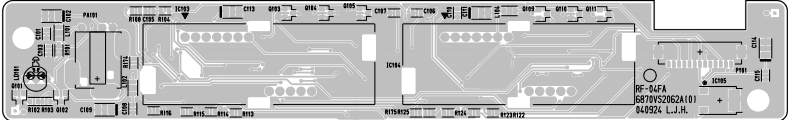
FAN CONTROL(TOP)



FAN CONTROL(BOTTOM)



INDEX(TOP)



INDEX(BOTTOM)

